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21241

SEARCH REQUEST FORM

RUSSELL TRAVERS
PRIMARY EXAMINER
GROUP 1200

Examiner # (Mandatory): 68363 Requester's Full Name: _____

Art Unit 1617 Location (Bldg/Room#): CM1 2A11 Phone (circle 305 306 308) 4603

Serial Number: 09/272,821 Results Format Preferred (circle): PAPER DISK E-MAIL

Title of Invention NNI for Treating HIV

Inventors (please provide full names): Uckun, Fa. M.

Earliest Priority Date: 3/20/98

Keywords (include any known synonyms registry numbers, explanation of initialisms):

HIV

RECEIVED
JUL 20 2000
GROUP 1200 (STIC)

Search Topic:

Please write detailed statement of the search topic, and the concept of the invention. Describe as specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples of relevant citations, authors, etc., if known. You may include a copy of the abstract and the broadcast or most relevant claim(s).

The compounds of the attached claims for Any Antiviral use (esp HIV)

E-Form

STAFF USE ONLY

Searcher: Shemane

Searcher Phone #: 305-4494

Searcher Location: _____

Date Picked Up: _____

Date Completed: 7/21/00

Clerical Prep Time: _____

Terminal Time: _____

Number of Databases: _____

Type of Search

_____ N.A. Sequence
_____ A.A. Sequence
_____ Structure (#)
_____ Bibliographic
_____ Litigation1
_____ Fulltext
_____ Procurement
_____ Other

Vendors (include cost where applicable)

_____ STN
_____ Questel/Orbit
_____ Lexis/Nexis
_____ WWW/Internet
_____ In-house sequence systems (list)
_____ Dialog
_____ Dr. Link
_____ Westlaw
_____ Other (specify)

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 15:33:01 ON 21 JUL 2000
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1967 - 21 Jul 2000 VOL 133 ISS 4
FILE LAST UPDATED: 20 Jul 2000 (20000720/ED)

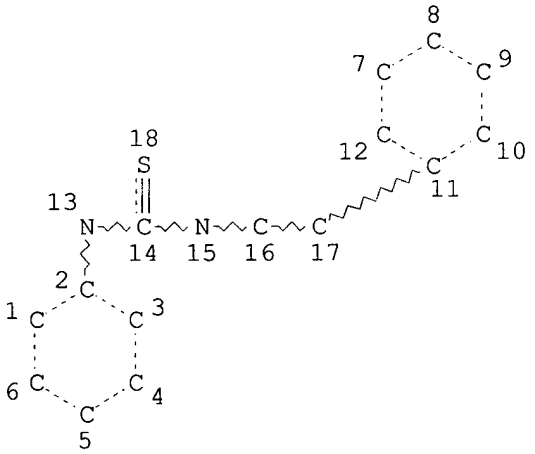
This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REG1stRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

Now you can extend your author, patent assignee, patent information, and title searches back to 1907. The records from 1907-1966 now have this searchable data in CAOLD. You now have electronic access to all of CA: 1907 to 1966 in CAOLD and 1967 to the present in HCAPLUS on STN.

=> d stat que l18

L4 STR



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DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE
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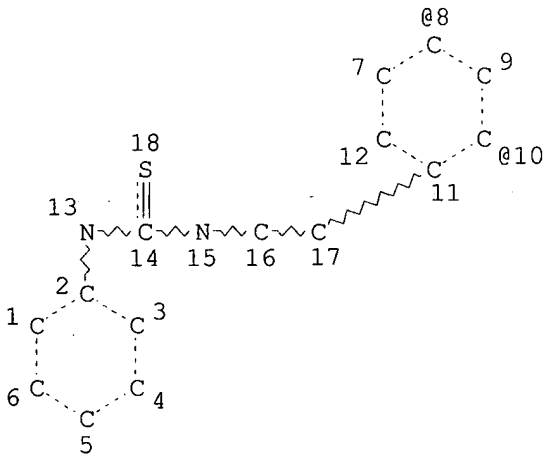
L13 STR



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VAR G1=21/23
VAR G2=10/8
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DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

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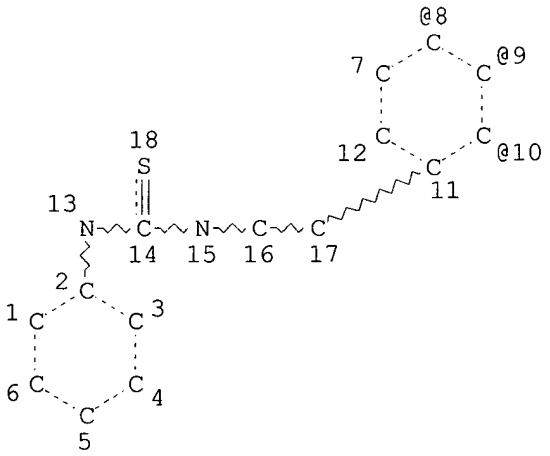
NUMBER OF NODES IS 24

STEREO ATTRIBUTES: NONE
L15 STR



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VPA 19-8/9/10 U
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DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 19

STEREO ATTRIBUTES: NONE
L16 134 SEA FILE=REGISTRY SUB=L6 SSS FUL L13 OR L15
L17 49 SEA FILE=HCAPLUS ABB=ON PLU=ON L16
L18 9 SEA FILE=HCAPLUS ABB=ON PLU=ON L17 AND (?VIRAL? OR ?VIRUS? OR HIV? OR AID? OR ACQUIRED(L)IMM?(L)DEFICIENC?)

=> d ibib abs hitrn l18 1-9

L18 ANSWER 1 OF 9 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 2000:401817 HCAPLUS
DOCUMENT NUMBER: 133:30667
TITLE: Heteroaryl-containing thiourea derivatives useful as inhibitors of herpes **viruses**
INVENTOR(S): Bloom, Jonathan David; Digrandi, Martin Joseph; Dushin, Russell George; Lang, Stanley Albert; O'Hara, Bryan Mark
PATENT ASSIGNEE(S): American Home Products Corporation, USA
SOURCE: PCT Int. Appl., 164 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000034269	A1	20000615	WO 1999-US28892	19991206

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1998-208540 19981209
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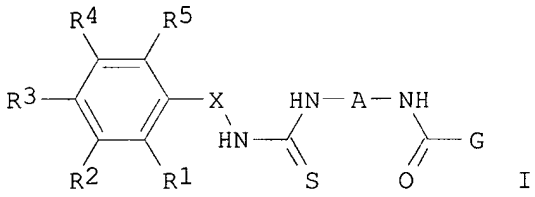

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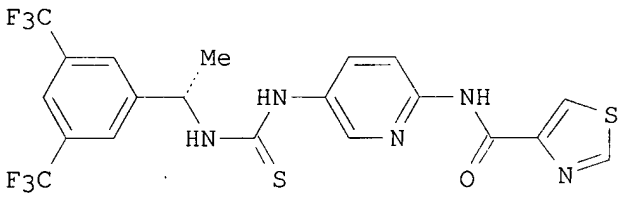

II

AB Title compds. I and related compds. are disclosed [wherein R1-R5 = H, C1-6 alkyl or perhaloalkyl, C2-6 alkenyl or alkynyl, C3-10 (hetero)cycloalkyl, (hetero)aryl, halo, CN, NO2, CO2R6, COR6, OR6, SR6, SOR6, SO2R6, CONR7R8, NR6N(R7R8), N(R7R8), or W-Y-(CH2)n-Z, provided that at least 1 of R1-R5 .noteq. H; or R2R3 or R3R4 form 3- to 7-membered heterocycloalkyl or heteroaryl fusion; R6, R7 = H, C1-6 alkyl or perhaloalkyl, or aryl; R8 = H, C1-6 alkyl or perhaloalkyl, C3-10 (hetero)cycloalkyl, (hetero)aryl; or NR7R8 forms 3- to 7-membered heterocycloalkyl; A = heteroaryl; W = O, NR6, or bond; Y = CO, CO2, or bond; Z = C1-4 alkyl, CN, CO2R6, COR6, CONR7R8, OCOR6, NR6COR7, OCONR6, OR6, SR6, SOR6, SO2R6, SR6N(R7R8), N(R7R8) or Ph; G = aryl or heteroaryl; X = bond, NH, C1-6 alkyl, alkenyl, alkoxy,

alkylthio, or alkylamino, or (CH)J; J = C1-6 alkyl, C3-7 cycloalkyl, Ph, or PhCH2; n = 1-6]. I, or pharmaceutical salts thereof, are useful in the treatment of diseases assocd. with herpes **viruses**, including human **cytomegalovirus** (HCMV), herpes simplex **viruses** (HSV), varicella-zoster **virus** (VZV), or (no data) Epstein-Barr **virus**, human **herpesviruses**-6 and -7, and Kaposi **herpesvirus**. Approx. 1000 example compds. prepd. by std. methods are listed, with biol. data for approx. 25 compds. in 2-4 bioassays. For instance, the pyridinylthiazolecarboxamide deriv. II had an IC50 of 0.001 .mu.g/mL against HCMV wild-type in human foreskin fibroblast cell culture.

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273390-19-5P 273390-20-8P 273390-29-7P
273390-85-5P 273390-88-8P 273390-97-9P
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273392-53-3P 273392-54-4P 273392-55-5P
273392-56-6P
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(target compd.; prepn. of heteroaryl-contg. thiourea derivs. as inhibitors of herpes **viruses**)

REFERENCE COUNT: 2
REFERENCE(S): (1) Irujo, J; WO 9845259 A 1998
(2) Oku, T; WO 9921835 A 1999

L18 ANSWER 2 OF 9 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 2000:401816 HCAPLUS
DOCUMENT NUMBER: 133:30666
TITLE: Aryl- and heteroaryl-substituted thiourea derivatives useful as inhibitors of herpes **viruses**
INVENTOR(S): Bloom, Jonathan David; Digrandi, Martin Joseph; Dushin, Russell George; Lang, Stanley Albert; O'Hara, Bryan Mark
PATENT ASSIGNEE(S): American Home Products Corporation, USA
SOURCE: PCT Int. Appl., 159 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000034268	A1	20000615	WO 1999-US28838	19991206

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1998-207961 19981209
OTHER SOURCE(S): MARPAT 133:30666
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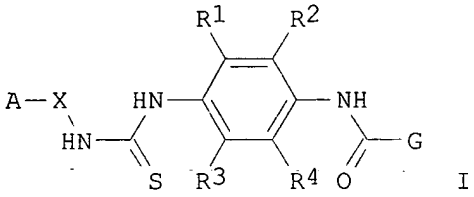

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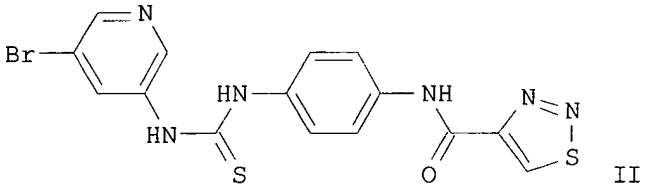

II

AB Title compds. I and related compds. and their pharmaceutical salts are disclosed [wherein A = heteroaryl; R1-R4 = H, C1-4 alkyl or perhaloalkyl, halo, C1-4 alkoxy, cyano; R1R2 or R3R4 = C5-7 aryl fusion; G = aryl or heteroaryl; and X = bond, NH, C1-6 alkyl, alkenyl, alkoxy, alkylthio, or alkylamino, or (CH)J; J = C1-6 alkyl, C3-7 cycloalkyl, Ph or PhCH2; n = 1-6]. The compds. are useful in the treatment of diseases assocd. with herpes **viruses**, including human **cytomegalovirus** (HCMV), herpes simplex **viruses** (HSV), and varicella-zoster **virus** (VZV), as well as (no data) Epstein-Barr **virus**, human **herpesviruses**-6 and -7, and Kaposi **herpesvirus**. Approx. 1000 example compds. prepd. by std. methods are listed, with biol. data for approx. 35 compds. in 2-4 bioassays. For instance, the pyridine deriv. II had an IC50 of 0.018 .mu.g/mL against HCMV wild-type in human foreskin fibroblast cell culture.

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273392-48-6P 273392-50-0P 273392-52-2P
273392-53-3P 273392-54-4P 273392-55-5P
273392-56-6P
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(target compd.; prepn. of heteroaryl thiourea derivs. as inhibitors of herpes **viruses**)

REFERENCE COUNT: 1
REFERENCE(S): (1) Martinez, J; WO 9845259 A 1998

L18 ANSWER 3 OF 9 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 2000:401809 HCAPLUS
DOCUMENT NUMBER: 133:30657
TITLE: Heterocyclic carboxamide-containing thiourea derivatives containing a substituted phenylenediamine group, useful as inhibitors of herpes **viruses**
INVENTOR(S): Bloom, Jonathan David; Curran, Kevin Joseph; Digrandi, Martin Joseph; Dushin, Russell George; Jones, Thomas Richard; Lang, Stanley Albert; Ross, Adma Antonia; Terefenko, Eugene Anthony; O'Hara, Bryan Mark

PATENT ASSIGNEE(S): American Home Products Corporation, USA
SOURCE: PCT Int. Appl., 159 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000034261	A2	20000615	WO 1999-US28916	19991206

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RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1998-208164 19981209
OTHER SOURCE(S): MARPAT 133:30657
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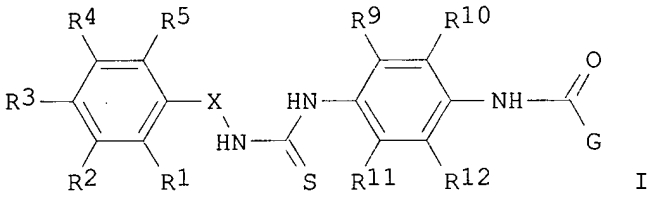

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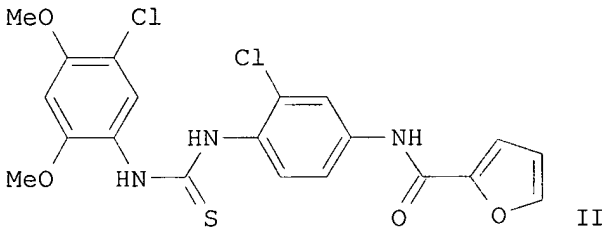

II

AB Title compds. I and related compds. are disclosed [wherein R1-R5 = H, C1-6 alkyl or perhaloalkyl, C2-6 alkenyl or alkynyl, C3-10 (hetero)cycloalkyl, (hetero)aryl, halo, CN, NO2, CO2R6, COR6, OR6, SR6, SOR6, SO2R6, CONR7R8, NR6N(R7R8), N(R7R8), or W-Y-(CH2)n-Z, provided that at least 1 of R1-R5 .noteq. H; or R2R3 or R3R4 form 3- to 7-membered heterocycloalkyl or heteroaryl fusion; R6, R7 = H, C1-6 alkyl or perhaloalkyl, or aryl; R8 = H, C1-6 alkyl or perhaloalkyl, C3-10 (hetero)cycloalkyl, (hetero)aryl; or NR7R8 forms 3- to 7-membered heterocycloalkyl; R9-R12 = H, C1-4 alkyl or perhaloalkyl, halo, C1-4 alkoxy, or cyano, or R9R10 or R11R12 = C5-7 aryl fusion, provided that at least 1 of R9-R12 .noteq. H; W = O, NR6, or bond; Y = CO, CO2, or bond; Z = C1-4 alkyl, CN, CO2R6, COR6, CONR7R8, OCOR6, NR6COR7, OCONR6, OR6, SR6, SOR6, SO2R6, SR6N(R7R8), N(R7R8) or Ph; G = monocyclic heteroaryl; X = bond, NH, C1-6 alkyl, alkenyl, alkoxy, alkylthio, or alkylamino, or (CH)J; J = C1-6 alkyl, C3-7 cycloalkyl, Ph, or PhCH2; n = 1-6]. I, or pharmaceutical salts thereof, are useful in the treatment of diseases assocd. with herpes **viruses**, including human **cytomegalovirus** (HCMV), herpes simplex **viruses** (HSV), varicella-zoster **virus** (VZV), or (no data) Epstein-Barr **virus**, human **herpesviruses**-6 and -7, and Kaposi

herpesvirus. Approx. 1000 example compds. prepd. by std. methods are listed, with biol. data for 18 compds. in 4 bioassays. For instance, the N-(4-thioureidophenyl)furan-2-carboxamide deriv. II had an IC50 of 0.4 .mu.g/mL against HCMV wild-type in human foreskin fibroblast cell culture, and 0.5 .mu.g/mL against HSV in an ELISA assay.

IT **273390-08-2P 273390-09-3P 273390-10-6P**
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273392-53-3P 273392-54-4P 273392-55-5P
273392-56-6P
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(target compd.; prepn. of heterocyclic carboxamide-contg. and phenylenediamine-contg. thiourea derivs. as inhibitors of herpes **viruses**)

L18 ANSWER 4 OF 9 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 2000:401808 HCAPLUS
DOCUMENT NUMBER: 133:30588
TITLE: Alpha-methylbenzyl-containing thiourea derivatives containing a phenylenediamine group, useful as inhibitors of herpes **viruses**
INVENTOR(S): Bloom, Jonathan David; Curran, Kevin Joseph; Digrandi, Martin Joseph; Dushin, Russell George; Lang, Stanley Albert; Norton, Emily Boucher; Ross, Adma Antonia; O'Hara, Bryan Mark
PATENT ASSIGNEE(S): American Home Products Corporation, USA
SOURCE: PCT Int. Appl., 168 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000034260	A2	20000615	WO 1999-US28839	19991206

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
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PRIORITY APPLN. INFO.: US 1998-208902 19981209
OTHER SOURCE(S): MARPAT 133:30588
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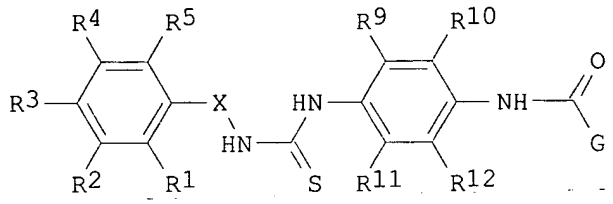

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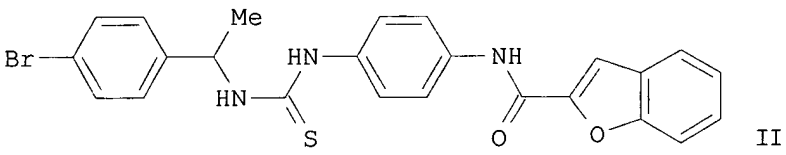


II

AB Title compds. I and related compds. are disclosed [wherein R1-R5 = H, C1-6 alkyl or perhaloalkyl, C2-6 alkenyl or alkynyl, C3-10 (hetero)cycloalkyl, (hetero)aryl, halo, CN, NO2, CO2R6, COR6, OR6, SR6, SOR6, SO2R6, CONR7R8, NR6N(R7R8), N(R7R8), or W-Y-(CH2)n-Z, provided that at least 1 of R1-R5 .noteq. H; or R2R3 or R3R4 form 3- to 7-membered heterocycloalkyl or heteroaryl fusion; R6, R7 = H, C1-6 alkyl or perhaloalkyl, or aryl; R8 = H, C1-6 alkyl or perhaloalkyl, C3-10 (hetero)cycloalkyl, (hetero)aryl; or NR7R8 forms 3- to 7-membered heterocycloalkyl; R9-R12 = H, C1-4 alkyl or perhaloalkyl, halo, C1-4 alkoxy, or cyano, or R9R10 or R11R12 = C5-7 aryl fusion; W = O, NR6, or bond; Y = CO, CO2, or bond; Z = C1-4 alkyl, CN, CO2R6, COR6, CONR7R8, OCOR6, NR6COR7, OCONR6, OR6, SR6, SOR6, SO2R6, SR6N(R7R8), N(R7R8) or Ph; G = aryl or fused bicyclic aryl; X = bond, NH, C1-6 alkyl, alkenyl, alkoxy, alkylthio, or alkylamino, or (CH)J; J = C1-6 alkyl, C3-7 cycloalkyl, Ph, or PhCH2; n = 1-6]. I, or pharmaceutical salts thereof, are useful in the treatment of diseases assocd. with herpes **viruses**, including human **cytomegalovirus** (HCMV), herpes simplex **viruses** (HSV), varicella-zoster **virus** (VZV), or (no data) Epstein-Barr **virus**, human **herpesviruses**-6 and -7, and Kaposi **herpesvirus**. Approx. 1000 example compds. prepd. by std. methods are listed, with biol. data for approx. 320 compds. in 1-4 bioassays. For instance, the [[(phenylethyl)thioureido]phenyl]benz ofurancarboxamide deriv. II had an IC50 of 1.3 .mu.g/mL against HCMV wild-type in human foreskin fibroblast cell culture, and 0.10 .mu.g/mL against VZV in an ELISA assay.

IT **273390-08-2P 273390-09-3P 273390-10-6P**
273390-11-7P 273390-17-3P 273390-18-4P
273390-19-5P 273390-20-8P 273390-29-7P
273390-85-5P 273390-88-8P 273390-97-9P
273391-25-6P 273391-31-4P 273391-37-0P
273391-38-1P 273391-67-6P 273391-68-7P
273391-69-8P 273391-70-1P 273391-71-2P
273391-93-8P 273391-95-0P 273392-02-2P
273392-04-4P 273392-05-5P 273392-06-6P
273392-07-7P 273392-24-8P 273392-30-6P
273392-48-6P 273392-50-0P 273392-52-2P
273392-53-3P 273392-54-4P 273392-55-5P
273392-56-6P
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(target compd.; prepn. of .alpha.-methylbenzyl-contg. thiourea derivs. as inhibitors of herpes **viruses**)

L18 ANSWER 5 OF 9 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 2000:401806 HCAPLUS
DOCUMENT NUMBER: 133:30733

TITLE: Heterocyclic carboxamide-containing thiourea derivatives containing a phenylenediamine group, useful as inhibitors of herpes **viruses**

INVENTOR(S): Bloom, Jonathan David; Curran, Kevin Joseph; Digrandi, Martin Joseph; Dushin, Russell George; Jones, Thomas Richard; Lang, Stanley Albert; Ross, Adma Antonia; Terefenko, Eugene Anthony; O'Hara, Bryan Mark

PATENT ASSIGNEE(S): American Home Products Corporation, USA

SOURCE: PCT Int. Appl., 188 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

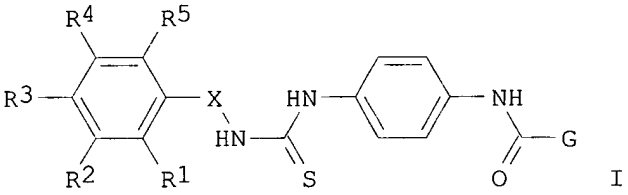
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000034258	A2	20000615	WO 1999-US28842	19991206

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1998-208559 19981209
OTHER SOURCE(S): MARPAT 133:30733

GI



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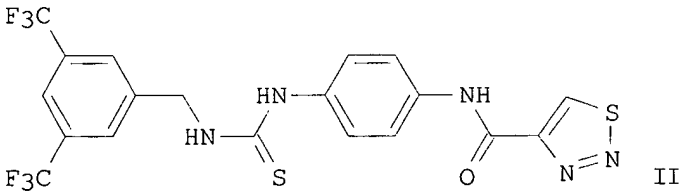


II

AB Title compds. I and related compds. are disclosed [wherein R1-R5 = H, C1-6 alkyl or perhaloalkyl, C2-6 alkenyl or alkynyl, C3-10 (hetero)cycloalkyl, (hetero)aryl, halo, CN, NO2, CO2R6, COR6, OR6, SR6, SOR6, SO2R6, CONR7R8, NR6N(R7R8), N(R7R8), or W-Y-(CH2)n-Z, provided that at least 1 of R1-R5 .noteq. H; or R2R3 or R3R4 form 3- to 7-membered heterocycloalkyl or heteroaryl fusion; R6, R7 = H, C1-6 alkyl or perhaloalkyl, or aryl; R8 = H, C1-6 alkyl or perhaloalkyl, C3-10 (hetero)cycloalkyl, (hetero)aryl; or NR7R8 forms 3- to 7-membered heterocycloalkyl; W = O, NR6, or bond; Y = CO, CO2, or bond; Z = C1-4 alkyl, CN, CO2R6, COR6, CONR7R8, OCOR6, NR6COR7, OCONR6, OR6, SR6, SOR6, SO2R6, SR6N(R7R8), N(R7R8) or Ph; G = monocyclic heteroaryl; X = bond, NH, C1-6 alkyl, alkenyl, alkoxy, alkylthio, or alkylamino, or (CH)J; J = C1-6 alkyl, C3-7 cycloalkyl, Ph, or PhCH2; n = 1-6]. I, or pharmaceutical salts thereof, are useful in the

treatment of diseases assocd. with herpes **viruses**, including human **cytomegalovirus** (HCMV), herpes simplex **viruses** (HSV), varicella-zoster **virus** (VZV), or (no data) Epstein-Barr **virus**, human **herpesviruses**-6 and -7, and Kaposi **herpesvirus**. Approx. 1000 example compds. prepd. by std. methods are listed, with biol. data for approx. 350 compds. in 1-4 bioassays. For instance, the thioureidophenylthiadiazolecarboxamide deriv. II had an IC50 of 0.0011 .mu.g/mL against HCMV wild-type in human foreskin fibroblast cell culture.

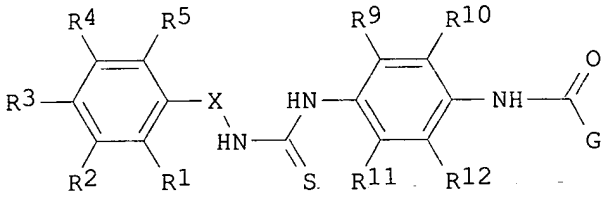
IT **273390-08-2P 273390-09-3P 273390-10-6P**
273390-11-7P 273390-17-3P 273390-18-4P
273390-19-5P 273390-20-8P 273390-29-7P
273390-85-5P 273390-88-8P 273390-97-9P
273391-25-6P 273391-31-4P 273391-37-0P
273391-38-1P 273391-67-6P 273391-68-7P
273391-69-8P 273391-70-1P 273391-71-2P
273391-93-8P 273391-95-0P 273392-02-2P
273392-04-4P 273392-05-5P 273392-06-6P
273392-07-7P 273392-24-8P 273392-30-6P
273392-48-6P 273392-50-0P 273392-52-2P
273392-53-3P 273392-54-4P 273392-55-5P
273392-56-6P
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(target compd.; prepn. of heterocyclic carboxamide-contg. thiourea derivs. as inhibitors of herpes **viruses**)

L18 ANSWER 6 OF 9 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 2000:401786 HCAPLUS
DOCUMENT NUMBER: 133:30587
TITLE: Benzamide-containing aryl thiourea derivatives useful as inhibitors of herpes **viruses**
INVENTOR(S): Bloom, Jonathan David; Curran, Kevin Joseph; Digrandi, Martin Joseph; Dushin, Russell George; Lang, Stanley Albert; Norton, Emily Boucher; Ross, Adma Antonia; O'Hara, Bryan Mark
PATENT ASSIGNEE(S): American Home Products Corporation, USA
SOURCE: PCT Int. Appl., 169 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

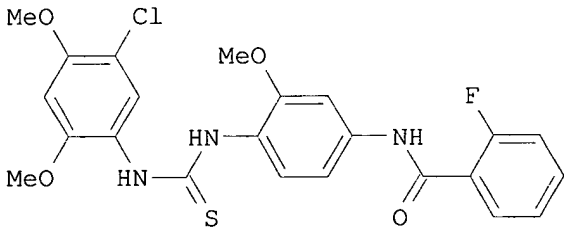
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000034238	A1	20000615	WO 1999-US28837	19991206

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1998-208561 19981209
OTHER SOURCE(S): MARPAT 133:30587
GI



I



II

AB Title compds. I and related compds. are disclosed [wherein R1-R5 = H, C1-6 alkyl or perhaloalkyl, C2-6 alkenyl or alkynyl, C3-10 (hetero)cycloalkyl, (hetero)aryl, halo, CN, NO2, CO2R6, COR6, OR6, SR6, SOR6, SO2R6, CONR7R8, NR6N(R7R8), N(R7R8), or W-Y-(CH2)n-Z, provided that at least 1 of R1-R5 .noteq. H; or R2R3 or R3R4 form 3- to 7-membered heterocycloalkyl or heteroaryl fusion; R6, R7 = H, C1-6 alkyl or perhaloalkyl, or aryl; R8 = H, C1-6 alkyl or perhaloalkyl, C3-10 (hetero)cycloalkyl, (hetero)aryl; or NR7R8 forms 3- to 7-membered heterocycloalkyl; R9-R12 = H, C1-4 alkyl or perhaloalkyl, halo, C1-4 alkoxy, or cyano, or R9R10 or R11R12 = C5-7 aryl fusion, provided that at least 1 of R9-R12 .noteq. H; W = O, NR6, or bond; Y = CO, CO2, or bond; Z = C1-4 alkyl, CN, CO2R6, COR6, CONR7R8, OCOR6, NR6COR7, OCONR6, OR6, SR6, SOR6, SO2R6, SR6N(R7R8), N(R7R8) or Ph; G = aryl or fused bicyclic heteroaryl; X = bond, NH, C1-6 alkyl, alkenyl, alkoxy, alkylthio, or alkylamino, or (CH)J; J = C1-6 alkyl, C3-7 cycloalkyl, Ph, or PhCH2; n = 1-6]. I, or pharmaceutical salts thereof, are useful in the treatment of diseases assocd. with herpes **viruses**, including human **cytomegalovirus** (HCMV), herpes simplex **viruses** (HSV), varicella-zoster **virus** (VZV), or (no data) Epstein-Barr **virus**, human **herpesviruses**-6 and -7, and Kaposi **herpesvirus**. Approx. 1000 example compds. prepd. by std. methods are listed, with biol. data for approx. 75 compds. in 2-4 bioassays. For instance, the thioureidophenylbenzamide deriv. II had an IC50 of 1.5 .mu.g/mL against HCMV wild-type in human foreskin fibroblast cell culture, and 0.04 .mu.g/mL against HSV in an ELISA assay.

IT **273390-08-2P 273390-09-3P 273390-10-6P**
273390-11-7P 273390-17-3P 273390-18-4P
273390-19-5P 273390-20-8P 273390-29-7P
273390-85-5P 273390-88-8P 273390-97-9P
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273392-53-3P 273392-54-4P 273392-55-5P
273392-56-6P
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(target compd.; prepn. of benzamide-contg. aryl thiourea derivs. as inhibitors of herpes **viruses**)

REFERENCE COUNT: 4

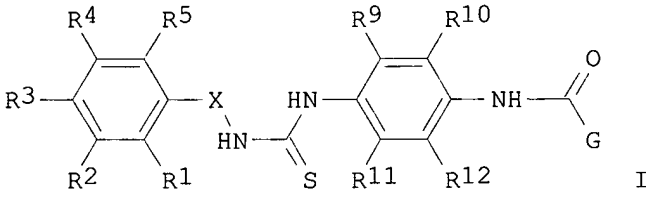
REFERENCE(S): (1) Sandoz; EP 0462933 A 1991
(2) Sandoz; WO 9711052 A 1997
(3) Smithkline Beecham; WO 9625157 A 1996
(4) Vertex Pharma; WO 9740028 A 1997

L18 ANSWER 7 OF 9 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 2000:401785 HCAPLUS
DOCUMENT NUMBER: 133:30586
TITLE: Acetamide and substituted acetamide-containing aryl thiourea derivatives useful as inhibitors of herpes **viruses**
INVENTOR(S): Bloom, Jonathan David; Digrandi, Martin Joseph; Dushin, Russell George; Lang, Stanley Albert; O'Hara, Bryan Mark
PATENT ASSIGNEE(S): American Home Products Corporation, USA
SOURCE: PCT Int. Appl., 159 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000034237	A2	20000615	WO 1999-US28844	19991206

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1998-208316 19981209
OTHER SOURCE(S): MARPAT 133:30586
GI



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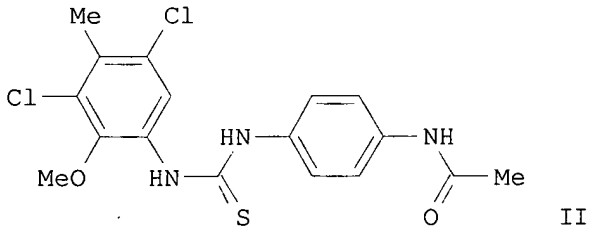

II

AB Title compds. I and related compds. are disclosed [wherein R1-R5 = H, C1-6 alkyl or perhaloalkyl, C2-6 alkenyl or alkynyl, C3-10 (hetero)cycloalkyl, (hetero)aryl, halo, CN, NO2, CO2R6, COR6, OR6, SR6, SOR6, SO2R6, CONR7R8, NR6N(R7R8), N(R7R8), or W-Y-(CH2)n-Z, provided that at least 1 of R1-R5 .noteq. H; or R2R3 or R3R4 form 3- to 7-membered heterocycloalkyl or

heteroaryl fusion; R6, R7 = H, C1-6 alkyl or perhaloalkyl, or aryl; R8 = H, C1-6 alkyl or perhaloalkyl, C3-10 (hetero)cycloalkyl, (hetero)aryl; or NR7R8 forms 3- to 7-membered heterocycloalkyl; R9-R12 = H, C1-4 alkyl or perhaloalkyl, halo, C1-4 alkoxy, or cyano, or R9R10 or R11R12 = C5-7 aryl fusion; W = O, NR6, or bond; Y = CO, CO2, or bond; Z = C1-4 alkyl, CN, CO2R6, COR6, CONR7R8, OCOR6, NR6COR7, OCONR6, OR6, SR6, SOR6, SO2R6, SR6N(R7R8), N(R7R8) or Ph; G = C1-6 alkyl; X = bond, NH, C1-6 alkyl, alkenyl, alkoxy, alkylthio, or alkylamino, or (CH)J; J = C1-6 alkyl, C3-7 cycloalkyl, Ph, or PhCH2; n = 1-6]. I, or pharmaceutical salts thereof, are useful in the treatment of diseases assocd. with herpes **viruses**, including human **cytomegalovirus** (HCMV), herpes simplex **viruses** (HSV), varicella-zoster **virus** (VZV), or (no data) Epstein-Barr **virus**, human **herpesviruses**-6 and -7, and Kaposi **herpesvirus**. Approx. 1000 example compds. prepd. by std. methods are listed, with biol. data for approx. 160 compds. in 4 bioassays. For instance, the thioureidophenylacetamide deriv. II had an IC50 of 0.8 .mu.g/mL against HCMV wild-type in human foreskin fibroblast cell culture, and 2 .mu.g/mL against HSV in an ELISA assay.

IT **273390-08-2P 273390-09-3P 273390-10-6P**
273390-11-7P 273390-17-3P 273390-18-4P
273390-19-5P 273390-20-8P 273390-29-7P
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273392-48-6P 273392-50-0P 273392-52-2P
273392-53-3P 273392-54-4P 273392-55-5P
273392-56-6P
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(target compd.; prepn. of acetamide-contg. aryl thiourea derivs. as inhibitors of herpes **viruses**)

L18 ANSWER 8 OF 9 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1999:405112 HCAPLUS
DOCUMENT NUMBER: 131:56155
TITLE: Methods for the simultaneous identification of novel biological targets and lead structures for drug development using combinatorial libraries and probes
INVENTOR(S): Heefner, Donald L.; Zepp, Charles M.; Gao, Yun; Jones, Steven W.
PATENT ASSIGNEE(S): Sepracor Inc., USA
SOURCE: PCT Int. Appl., 125 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9931267	A1	19990624	WO 1998-US26894	19981218
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9919256	A1	19990705	AU 1999-19256	19981218
PRIORITY APPLN. INFO.:			US 1997-68035	19971218

WO 1998-US26894 19981218

AB The combinatorial screening assays and detection methods of the present invention encompass highly diversified libraries of compds. which act as fingerprints to allow for the identification of specific mol. differences existing between biol. samples. The combinatorial screening assay and detection methods of the present invention utilize highly diversified libraries of compds. to interrogate and characterize complex mixts. in order to identify specific mol. differences existing between biol. samples, which may serve as targets for diagnosis of development of therapeutics. The invention is base, in part, on the design of sensitive, rapid, homogeneous assay systems that permit the evaluation, interrogation, and characterization of samples using complex, highly diversified libraries of mol. probes. The ability to run the high throughput assays in a homogeneous format increases sensitivity of screening. In addn., the homogeneous format allows the mols. which interact to maintain their native or active conformations. Moreover, the homogeneous assay systems of the invention utilize robust detection systems that do not require sepn. steps for detection of reaction products. The assays of the invention can be used for diagnostics, drug screening and discovery, target-driven discover, and in the field of proteomics and genomics for the identification of disease markers and drug targets.

IT **228111-94-2P 228111-98-6P 228112-01-4P**
228112-02-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(ligand; identification of novel biol. targets and lead structures for drug development using combinatorial libraries and probes)

REFERENCE COUNT: 1
REFERENCE(S): (1) Lin; Science 1997, V278, P840 HCAPLUS

L18 ANSWER 9 OF 9 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1988:128099 HCAPLUS
DOCUMENT NUMBER: 108:128099
TITLE: Luminescence assay reagent composition with enhanced storage stability and detection sensitivity
INVENTOR(S): Kao, Richard; Blocki, Frank Arthur; Pranis, Robert Alan; Mahoney, Walter C.
PATENT ASSIGNEE(S): Erbamont, Inc., USA
SOURCE: Eur. Pat. Appl., 14 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 235970	A1	19870909	EP 1987-301091	19870209
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
US 4835101	A	19890530	US 1986-923564	19861027
AU 8768616	A1	19870813	AU 1987-68616	19870209
JP 62228936	A2	19871007	JP 1987-29493	19870210
PRIORITY APPLN. INFO.:			US 1986-827448	19860210
			US 1986-923564	19861027

AB The storage stability of luminescent reagents for peroxidase-mediated assays is improved through the use of a pH-regulating compn. which keeps the pH at 3-6. The sensitivity of detection is enhanced by selection of low noise buffers and use of signal enhancing reagents. A luminescent reagent compn. contained luminol, 4-iodophenol (signal enhancer), pH 5.0 acetate buffer, and urea peroxide. The compn. was stable at 37.degree. for 7 d. In use, low-background-noise Tricine buffer was added to raise the pH to 8.5 prior to addn. of horseradish peroxidase for light prodn.

IT **113418-22-7DP**, peroxidase conjugates
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, stabilized luminescence assay reagents in relation to)

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L4              STR
L6          555 SEA FILE=REGISTRY SSS FUL L4
L13             STR
L15             STR
L16         134 SEA FILE=REGISTRY SUB=L6 SSS FUL L13 OR L15
L17          49 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L16
L18           9 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L17 AND (?VIRAL? OR ?VIRUS?
                OR HIV? OR AID? OR ACQUIRED(L)IMM?(L)DEFICIENC?)
L19          40 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L17 NOT L18


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=> d ibib hitrn l19 1-40


L19  ANSWER 1 OF 40  HCAPLUS  COPYRIGHT 2000 ACS
ACCESSION NUMBER:        1999:194130  HCAPLUS
DOCUMENT NUMBER:         130:237565
TITLE:                   Preparation of thioureas for inhibiting
                         ras-transformed cell growth
INVENTOR(S):             Lee, Bong Yong; Kim, Jae Gyu; Bhang, Kee Hoon; Sim,
                         Woo Jeon; Hwang, Hyun Jun; Park, Yoo Hoi; Hwang, Soon
                         Ho; Jung, Young Hwan; Yi, Won Hui; Shim, Jae Young
PATENT ASSIGNEE(S):      Yuhan Corporation, S. Korea
SOURCE:                  PCT Int. Appl., 328 pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:           Patent
LANGUAGE:                English
FAMILY ACC. NUM. COUNT:  1
PATENT INFORMATION:

     PATENT NO.        KIND  DATE          APPLICATION NO.  DATE
     ---------------   ----  --------      ---------------  --------
     WO 9912912         A1   19990318      WO 1998-KR268    19980831
         W:  AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
             DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG,
             KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
             NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
             UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
             FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
             CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     AU 9890053         A1   19990329      AU 1998-90053    19980831
PRIORITY APPLN. INFO.:                    KR 1997-46769    19970911
                                          WO 1998-KR268    19980831
OTHER SOURCE(S):         MARPAT 130:237565
IT   221265-24-3P 221265-28-7P 221265-33-4P
     RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic
     preparation); THU (Therapeutic use); BIOL (Biological study); PREP
     (Preparation); USES (Uses)
        (prepn. of thioureas for inhibiting ras-transformed cell growth)
REFERENCE COUNT:         1
REFERENCE(S):            (1) Board Of Regents The University Of Texas System;
                             WO 9116340 1991 HCAPLUS

L19  ANSWER 2 OF 40  HCAPLUS  COPYRIGHT 2000 ACS
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ACCESSION NUMBER: 1999:126872 HCAPLUS
DOCUMENT NUMBER: 130:196506
TITLE: Derivatives of 2,5- and 3,5-disubstituted anilines, their preparation, and use as potassium channel openers
INVENTOR(S): Dorwald, Florencio Zaragoza; Hansen, John Bondo; Mogensen, John Patrick; Tagmose, Tina Moller; Pirotte, Bernard; Lebrun, Philippe; De Tullio, Pascal; Boverie, Stephane; Delarge, Jacques
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 48 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9907672	A1	19990218	WO 1998-DK337	19980724
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9885341	A1	19990301	AU 1998-85341	19980724
EP 1019367	A1	20000719	EP 1998-936271	19980724
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				

PRIORITY APPLN. INFO.: DK 1997-906 19970805
US 1997-55193 19970811
WO 1998-DK337 19980724

OTHER SOURCE(S): MARPAT 130:196506
IT **220635-04-1P 220635-67-6P 220636-63-5P**
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of disubstituted aniline derivs. as potassium channel openers)
REFERENCE COUNT: 15
REFERENCE(S): (1) American Cyanamid Co; DE 3247581 A1 1983 HCAPLUS
(5) Ciba Aktiengesellschaft; DE 1803084 A1 1969 HCAPLUS
(7) Ciba Societe Anonyme; FR 1511325 B1 1967 HCAPLUS
(8) Dieter, D; US 3592932 A 1971 HCAPLUS
(10) Neurosearch AS; WO 9422807 A1 1994 HCAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 3 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1995:888488 HCAPLUS
DOCUMENT NUMBER: 123:350474
TITLE: Separation of formoterol enantiomers and detection of zeptomolar amounts by capillary electrophoresis using laser-induced fluorescence
AUTHOR(S): Cherkaoui, Samir; Faupel, Michel; Francotte, Eric
CORPORATE SOURCE: Pharmaceutical Research, Ciba-Geigy, K-122.P.25, Basel, CH-4002, Switz.
SOURCE: J. Chromatogr., A (1995), 715(1), 159-65
CODEN: JCRAEY; ISSN: 0021-9673
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **171202-32-7**
RL: ANT (Analyte); ANST (Analytical study)
(enantiomeric sepn. of formoterol by capillary electrophoresis using fluorescein deriv. for detection)

L19 ANSWER 4 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1995:797238 HCAPLUS
DOCUMENT NUMBER: 123:198285
TITLE: Preparation of semicarbazides as insecticides
INVENTOR(S): Uneme, Hideki; Ujigawa, Osamu; Ishizuka, Hitoshi; Okauchi, Tetsuo
PATENT ASSIGNEE(S): Takeda Chemical Industries Ltd, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 89 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06287171	A2	19941011	JP 1994-7657	19940127
PRIORITY APPLN. INFO.:			JP 1993-19034	19930205

OTHER SOURCE(S): CASREACT 123:198285; MARPAT 123:198285
IT **167885-65-6P 167885-66-7P 167885-67-8P**
167885-68-9P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of semicarbazides as insecticides)

L19 ANSWER 5 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1994:701313 HCAPLUS
DOCUMENT NUMBER: 121:301313
TITLE: Leukotriene biosynthesis inhibitors
INVENTOR(S): Lazer, Edward S.; Adams, Julian; Miao, Clara K.; Farina, Peter
PATENT ASSIGNEE(S): Boehringer Ingelheim Pharmaceuticals, Inc., USA
SOURCE: U.S., 12 pp. Cont.-in-part of U.S. Ser. No. 704,591, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5296486	A	19940322	US 1992-937315	19920904
CA 2078810	AA	19930325	CA 1992-2078810	19920922
AU 9225274	A1	19930325	AU 1992-25274	19920923
AU 661034	B2	19950713		
NO 9203695	A	19930325	NO 1992-3695	19920923
EP 535521	A2	19930407	EP 1992-116249	19920923
EP 535521	A3	19930616		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
HU 64951	A2	19940328	HU 1992-3033	19920923
HU 213113	B	19970228		
IL 103251	A1	19960912	IL 1992-103251	19920923
RU 2080321	C1	19970527	RU 1992-5052823	19920923
JP 05213911	A2	19930824	JP 1992-255123	19920924
LV 11181	B	19960820	LV 1992-133	19920924
US 5552421	A	19960903	US 1995-417547	19950406
PRIORITY APPLN. INFO.:			US 1991-704591	19910523
			US 1991-764591	19910924
			US 1992-937315	19920904
			US 1993-168591	19931216

OTHER SOURCE(S): MARPAT 121:301313
IT **149107-76-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)

(prepn. of, as intermediate for benzothiazolamine leukotriene antagonist)

L19 ANSWER 6 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1994:508595 HCAPLUS
DOCUMENT NUMBER: 121:108595
TITLE: Benzoxazolamines and Benzothiazolamines: Potent, Enantioselective Inhibitors of Leukotriene Biosynthesis with a Novel Mechanism of Action
AUTHOR(S): Lazer, Edward S.; Miao, Clara K.; Wong, Hin-Chor; Sorcek, Ronald; Spero, Denice M.; Gilman, Alex; Pal, Kollol; Behnke, Mark; Graham, Anne G.; et al.
CORPORATE SOURCE: Department of Medicinal Chemistry, Boehringer Ingelheim Pharmaceuticals Inc., Ridgefield, CT, 06877, USA
SOURCE: J. Med. Chem. (1994), 37(7), 913-23
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **149107-76-6P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and reaction of, in prepn. of leukotriene biosynthesis-inhibiting benzoxazolamines and benzothiazolamines)

L19 ANSWER 7 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1993:649940 HCAPLUS
DOCUMENT NUMBER: 119:249940
TITLE: Preparation of condensed oxazole and thiazole derivatives as leukotrienes biosynthesis inhibitors
INVENTOR(S): Lazer, Edward S.; Adams, Julian; Miao, Clara K.; Farina, Peter
PATENT ASSIGNEE(S): Boehringer Ingelheim Pharmaceuticals Inc., USA
SOURCE: Eur. Pat. Appl., 34 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 535521	A2	19930407	EP 1992-116249	19920923
EP 535521	A3	19930616		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
US 5296486	A	19940322	US 1992-937315	19920904
ZA 9207266	A	19930923	ZA 1992-7266	19920923
PRIORITY APPLN. INFO.:			US 1991-764591	19910924
			US 1992-937315	19920904
			US 1991-704591	19910523

OTHER SOURCE(S): MARPAT 119:249940
IT **149107-76-6P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and reaction of, in prepn. of leukotriene biosynthesis inhibitors)

L19 ANSWER 8 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1991:679818 HCAPLUS
DOCUMENT NUMBER: 115:279818
TITLE: Preparation of piperidine derivatives as neurokinin and substance P antagonists
INVENTOR(S): Emonds-Alt, Xavier; Goulaouic, Pierre; Proietto, Vincenzo; Van Broeck, Didier
PATENT ASSIGNEE(S): SANOFI, Fr.
SOURCE: Eur. Pat. Appl., 84 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent

LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 428434	A2	19910522	EP 1990-403125	19901106
EP 428434	A3	19911009		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
FR 2654100	A1	19910510	FR 1989-14517	19891106
FR 2654100	B1	19920221		
FR 2663329	A1	19911220	FR 1990-7534	19900615
FR 2663329	B1	19921016		
FI 97540	B	19960930	FI 1990-5444	19901102
FI 97540	C	19970110		
CA 2029275	AA	19910507	CA 1990-2029275	19901105
NO 9004802	A	19910507	NO 1990-4802	19901105
NO 177299	B	19950515		
NO 177299	C	19950823		
AU 9065838	A1	19910523	AU 1990-65838	19901105
AU 649973	B2	19940609		
HU 56543	A2	19910930	HU 1990-7027	19901105
US 5317020	A	19940531	US 1990-610093	19901105
IL 111292	A1	19960331	IL 1990-111292	19901105
RU 2084453	C1	19970720	RU 1990-4831627	19901105
RU 2114828	C1	19980710	RU 1993-45020	19901105
ZA 9008881	A	19910828	ZA 1990-8881	19901106
JP 03206086	A2	19910909	JP 1990-300929	19901106
PL 165758	B1	19950228	PL 1990-293823	19901106
PL 165854	B1	19950228	PL 1990-293824	19901106
PL 166565	B1	19950630	PL 1990-287644	19901106
PL 166582	B1	19950630	PL 1990-303827	19901106
IL 96241	A1	19960331	IL 1990-96241	19901115
LV 10713	B	19951020	LV 1993-142	19930225
US 5686609	A	19971111	US 1994-208672	19940311
AU 9459245	A1	19940602	AU 1994-59245	19940331
AU 668018	B2	19960418		
NO 9500239	A	19910507	NO 1995-239	19950123
NO 180193	B	19961125		
NO 180193	C	19970305		
NO 9500240	A	19910507	NO 1995-240	19950123
NO 179580	B	19960729		
NO 179580	C	19961106		
US 5618938	A	19970408	US 1995-479634	19950607
FI 9502956	A	19950615	FI 1995-2956	19950615
FI 9502957	A	19950615	FI 1995-2957	19950615
FI 9800227	A	19980202	FI 1998-227	19980202

PRIORITY APPLN. INFO.:
FR 1989-14517 19891106
FR 1990-7534 19900615
FI 1990-5444 19901102
NO 1990-4802 19901105
US 1990-610093 19901105
IL 1990-96241 19901115
US 1994-208672 19940311
FI 1995-2956 19950615

OTHER SOURCE(S): MARPAT 115:279818
IT **135935-52-3P 135956-40-0P**
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as neurokinin antagonist)

L19 ANSWER 9 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1991:81725 HCAPLUS
DOCUMENT NUMBER: 114:81725
TITLE: Reactions of hydantoin derivatives with hydrazine

hydrate and amines
AUTHOR(S): Abdelaziz, Mahfouz A.; Ead, Hamed A.; Mansour, S. M.
CORPORATE SOURCE: Fac. Sci., Cairo Univ., Giza, Egypt
SOURCE: Egypt. J. Pharm. Sci. (1990), 31(1-4), 463-73
CODEN: EJPSBZ; ISSN: 0301-5068
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **131999-76-3P 131999-77-4P 131999-78-5P**
132024-66-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and condensation with benzaldehyde or intramol. cyclocondensation of)

L19 ANSWER 10 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1990:548402 HCAPLUS
DOCUMENT NUMBER: 113:148402
TITLE: Interligand metal transfer as reporter mechanism for biospecific reaction, its use in immunoassays for drugs and hormones, and preparation of donor chelating agents
INVENTOR(S): Hale, Ron L.; Wieder, Irwin
PATENT ASSIGNEE(S): Baxter International, Inc., USA
SOURCE: U.S., 23 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4925804	A	19900515	US 1986-875449	19860617

IT **129235-80-9**
RL: ANST (Analytical study)
(in thyroxine detn. by fluorescence immunoassay with interligand metal transfer)
IT **129235-81-0**
RL: ANST (Analytical study)
(in triiodothyronine detn. by fluorescence immunoassay with interligand metal transfer)
IT **129499-17-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as chelating agent in thyroxine detn. by fluorescence immunoassay with interligand metal transfer)
IT **129499-19-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as chelating agent in triiodothyronine detn. by fluorescence immunoassay with interligand metal transfer)

L19 ANSWER 11 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1990:216928 HCAPLUS
DOCUMENT NUMBER: 112:216928
TITLE: Substituted imidazolinones and imidazolethiones as antihypercholesterolemics
INVENTOR(S): Fey, Peter; Angerbauer, Rolf; Huesch, Walter; Bischoff, Hilmar; Petzinna, Dieter; Schmidt, Delf; Thomas, Guenter
PATENT ASSIGNEE(S): Bayer A.-G., Fed. Rep. Ger.
SOURCE: Eur. Pat. Appl., 43 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

EP 334014	A2	19890927	EP 1989-102537	19890215
EP 334014	A3	19891011		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
DE 3805884	A1	19890907	DE 1988-3805884	19880225
PRIORITY APPLN. INFO.:			DE 1988-3805884	19880225
			IT 1988-22722	19881124

OTHER SOURCE(S): MARPAT 112:216928
IT **126267-99-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as intermediate for HMG CoA reductase inhibitor)

L19 ANSWER 12 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1990:197814 HCAPLUS
DOCUMENT NUMBER: 112:197814
TITLE: Preparation of 3-chloro-2-methylphenethylamines and analogs as herbicides
INVENTOR(S): Hagen, Helmut; Pfister, Juergen; Wuerzer, Bruno; Meyer, Norbert
PATENT ASSIGNEE(S): BASF A.-G., Fed. Rep. Ger.
SOURCE: Eur. Pat. Appl., 30 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 340709	A1	19891108	EP 1989-107885	19890429
R: DE, FR, GB, IT				
DE 3815046	A1	19891116	DE 1988-3815046	19880504
PRIORITY APPLN. INFO.:			DE 1988-3815046	19880504

OTHER SOURCE(S): MARPAT 112:197814
IT **126886-00-8P**
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as herbicide)

L19 ANSWER 13 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1989:514884 HCAPLUS
DOCUMENT NUMBER: 111:114884
TITLE: Preparation of urea and thiourea derivatives as ulcer inhibitors
INVENTOR(S): Sato, Tadashi; Kojima, Koji; Osumi, Haruo; Hikita, Yutaro
PATENT ASSIGNEE(S): Kohjin Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01052749	A2	19890228	JP 1988-81302	19880404
PRIORITY APPLN. INFO.:			JP 1987-112143	19870508

OTHER SOURCE(S): MARPAT 111:114884
IT **122415-22-9P 122415-33-2P 122415-35-4P**
122415-46-7P 122415-54-7P 122415-78-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as ulcer inhibitor)

L19 ANSWER 14 OF 40 HCAPLUS COPYRIGHT 2000 ACS

ACCESSION NUMBER: 1989:166536 HCAPLUS
DOCUMENT NUMBER: 110:166536
TITLE: Rhodamine B-labeled thyroid hormone forms high molecular weight aggregates in solution: a possible source of artifacts in binding experiments
AUTHOR(S): Cheng, Sheue Yann; McPhie, Peter
CORPORATE SOURCE: Lab. Mol. Biol., NCI, Bethesda, MD, 20892, USA
SOURCE: Anal. Biochem. (1989), 176(2), 440-3
CODEN: ANBCA2; ISSN: 0003-2697
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **120139-46-0**
RL: BIOL (Biological study)
(aggregation of, binding expt. artifacts from)

L19 ANSWER 15 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1985:434354 HCAPLUS
DOCUMENT NUMBER: 103:34354
TITLE: Solvent perturbation fluorescence immunoassay technique
AUTHOR(S): Halfman, Clarke J.; Wong, Franklin C. L.; Jay, Dennis W.
CORPORATE SOURCE: Chicago Med. Sch., Univ. Health Sciences, North Chicago, IL, 60064, USA
SOURCE: Anal. Chem. (1985), 57(9), 1928-30
CODEN: ANCHAM; ISSN: 0003-2700
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **96503-28-5**
RL: PROC (Process)
(fluorescence quenching of, by SDS)

L19 ANSWER 16 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1984:192263 HCAPLUS
DOCUMENT NUMBER: 100:192263
TITLE: Preparation of 5-(125I-diiodotyrosyl)fluorescein
AUTHOR(S): Herron, James N.
CORPORATE SOURCE: Dep. Biol., Univ. Utah, Salt Lake City, UT, USA
SOURCE: Fluorescein Hapten: Immunol. Probe (1984), 175-6.
Editor(s): Voss, Edward W., Jr. CRC: Boca Raton, Fla.
CODEN: 51EOAW
DOCUMENT TYPE: Conference
LANGUAGE: English
IT **90058-04-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

L19 ANSWER 17 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1984:156613 HCAPLUS
DOCUMENT NUMBER: 100:156613
TITLE: Triazole antifungal agents
INVENTOR(S): Richardson, Kenneth; Whittle, Peter John
PATENT ASSIGNEE(S): Pfizer Ltd., UK; Pfizer Corp.
SOURCE: Eur. Pat. Appl., 47 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 97469	A2	19840104	EP 1983-303389	19830613
EP 97469	A3	19840321		
EP 97469	B1	19861015		

R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE

US 4482558	A	19841113	US 1983-500748	19830603
AT 22886	E	19861115	AT 1983-303389	19830613
DK 8302754	A	19831219	DK 1983-2754	19830615
DK 165180	B	19921019		
DK 165180	C	19930308		
JP 59062574	A2	19840410	JP 1983-110032	19830618
JP 63045672	B4	19880912		
PRIORITY APPLN. INFO.:			GB 1982-17721	19820618
			EP 1983-303389	19830613

IT **89544-61-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

L19 ANSWER 18 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1983:218134 HCAPLUS
DOCUMENT NUMBER: 98:218134
TITLE: Fluorescent chelates and labeled specific binding reagents prepared from them
INVENTOR(S): Hinshaw, Jerald Clyde; Toner, John Luke; Reynolds, George Arthur
PATENT ASSIGNEE(S): Eastman Kodak Co., USA
SOURCE: Eur. Pat. Appl., 50 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 68875	A2	19830105	EP 1982-303380	19820628
EP 68875	A3	19830504		
EP 68875	B1	19871223		
R: DE, FR, GB				
CA 1205028	A1	19860527	CA 1982-405050	19820611
JP 58008783	A2	19830118	JP 1982-112653	19820701
JP 06014042	B4	19940223		
US 4637988	A	19870120	US 1986-825693	19860203
US 4670572	A	19870602	US 1986-825009	19860203
US 4801722	A	19890131	US 1987-7024	19870127
US 4794191	A	19881227	US 1988-151847	19880203
US 4859777	A	19890822	US 1988-285163	19881216
PRIORITY APPLN. INFO.:			US 1981-279398	19810701
			US 1986-825693	19860203
			US 1987-7024	19870127
			US 1987-40385	19870420

IT **85916-24-1DP**, europium complexes **85916-24-1DP**, terbium complexes **85916-25-2DP**, europium complexes **85916-25-2DP**, terbium complexes
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and fluorescence of)
IT **85929-36-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and hydrolysis of)
IT **85916-15-0P**
RL: PREP (Preparation)
(prepn. of)

L19 ANSWER 19 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1981:603981 HCAPLUS
DOCUMENT NUMBER: 95:203981
TITLE: Benzoxazoles and their use as pharmaceuticals
INVENTOR(S): Hauel, Norbert; Heider, Joachim; Stein, Herbert; Austel, Volkhard; Riffen, Manfred; Diederen, Willi; Haarmann, Walter
PATENT ASSIGNEE(S): Thomae, Dr. Karl, G.m.b.H., Fed. Rep. Ger.

SOURCE: Ger. Offen., 31 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3006671	A1	19810827	DE 1980-3006671	19800222
EP 34743	A1	19810902	EP 1981-100890	19810209
EP 34743	B1	19840530		
R: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
AT 7696	E	19840615	AT 1981-100890	19810209
ES 499378	A1	19820816	ES 1981-499378	19810212
DK 8100737	A	19810823	DK 1981-737	19810219
DK 151018	B	19871012		
DK 151018	C	19880620		
FI 8100535	A	19810823	FI 1981-535	19810220
FI 73426	B	19870630		
FI 73426	C	19871009		
NO 8100586	A	19810824	NO 1981-586	19810220
NO 157895	B	19880229		
NO 157895	C	19880608		
AU 8167519	A1	19810827	AU 1981-67519	19810220
AU 543524	B2	19850426		
JP 56131581	A2	19811015	JP 1981-23232	19810220
JP 63034154	B4	19880708		
ZA 8101130	A	19821027	ZA 1981-1130	19810220
CA 1166252	A1	19840424	CA 1981-371339	19810220
IL 62181	A1	19841031	IL 1981-62181	19810220
ES 509532	A1	19830116	ES 1982-509532	19820212
ES 509533	A1	19830116	ES 1982-509533	19820212

PRIORITY APPLN. INFO.: DE 1980-3006671 19800222
EP 1981-100890 19810209

IT **79658-82-5**
RL: RCT (Reactant)
(cyclization of)

L19 ANSWER 20 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1981:603521 HCAPLUS
DOCUMENT NUMBER: 95:203521
TITLE: Thiourea and thiosemicarbazide derivatives structurally related to hexestrol: synthesis and anticancer and other pharmacological properties
AUTHOR(S): Omar, A.-Mohsen M. E.; Farghaly, A. M.; Hazzai, A. A. B.; Eshba, N. H.; Sharabi, F. M.; Daabees, T. T.
CORPORATE SOURCE: Fac. Pharm., Univ. Alexandria, Alexandria, Egypt
SOURCE: J. Pharm. Sci. (1981), 70(9), 1075-9
CODEN: JPMSAE; ISSN: 0022-3549
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **76289-17-3P 76289-18-4P 76289-19-5P**
76289-20-8P 79797-45-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

L19 ANSWER 21 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1981:46924 HCAPLUS
DOCUMENT NUMBER: 94:46924
TITLE: The cyclodesulfurization of thio-compounds. Part 19: A study of the effect of mercuric chloride and acid condensing agents on various N-[1,2-bis(p-methoxyphenyl)butyl]-N'-substituted thiourea derivatives
AUTHOR(S): Omar, A. Mohsen M. E.; Farghaly, A. M.; Hazzaa, A. A.

B.; Eshba, N. H.
CORPORATE SOURCE: Fac. Pharm., Univ. Alexandria, Alexandria, Egypt
SOURCE: Pharmazie (1980), 35(8), 503-4
CODEN: PHARAT; ISSN: 0031-7144
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **76289-17-3 76289-18-4 76289-19-5**
76289-20-8
RL: RCT (Reactant)
(attempted cyclodesulfurization of)

L19 ANSWER 22 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1979:483680 HCAPLUS
DOCUMENT NUMBER: 91:83680
TITLE: Fluorescent rhodamine-labeled thyroid hormone derivatives. Synthesis and binding to the thyroid hormone nuclear receptor
AUTHOR(S): Cheng, Sheue-Yann; Eberhardt, Norman L.; Robbins, Jacob; Baxter, John D.; Pastan, Ira
CORPORATE SOURCE: Natl. Inst. Arthritis, Metab. Dig. Dis., NIH, Bethesda, MD, 20014, USA
SOURCE: FEBS Lett. (1979), 100(1), 113-16
CODEN: FEBLAL; ISSN: 0014-5793
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **70953-47-8 70953-48-9 70953-50-3**
71177-42-9
RL: PROC (Process)
(thyroid hormone receptor binding of, in cell nucleus)

L19 ANSWER 23 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1978:524444 HCAPLUS
DOCUMENT NUMBER: 89:124444
TITLE: Preparation and study of the phytotoxic activities of N-aralkyl-substituted amides. Part II. N-Phenethylamides
AUTHOR(S): Borgna, P.; Vicarini, L.; Calderara, G.
CORPORATE SOURCE: Dip. Chim. Farm., Univ. Pavia, Pavia, Italy
SOURCE: Farmaco, Ed. Sci. (1978), 33(7), 510-15
CODEN: FRPSAX; ISSN: 0430-0920
DOCUMENT TYPE: Journal
LANGUAGE: Italian
IT **38507-96-9P**
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. and herbicidal activity of)

L19 ANSWER 24 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1977:155794 HCAPLUS
DOCUMENT NUMBER: 86:155794
TITLE: Phosphorus compounds
INVENTOR(S): Birum, Gail H.
PATENT ASSIGNEE(S): Monsanto Co., USA
SOURCE: U.S., 5 pp. Continuation-in-part of U.S. 3,920,733.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4003965	A	19770118	US 1975-589097	19750623
US 3920733	A	19751118	US 1973-385931	19730806

PRIORITY APPLN. INFO.: US 1973-385931 19730806

IT **62576-51-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

L19 ANSWER 25 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1976:432846 HCAPLUS
DOCUMENT NUMBER: 85:32846
TITLE: Coumarin derivatives
INVENTOR(S): Boltze, Karl H.; Seidel, Peter R.; Jacobi, Haireddin; Dell, Hans D.
PATENT ASSIGNEE(S): Troponwerke Dinklage und Co., Ger.
SOURCE: Ger. Offen., 47 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2448257	A1	19760422	DE 1974-2448257	19741010

IT **59636-95-2P**
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(prepn. and antiinflammatory activity of)

L19 ANSWER 26 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1974:569466 HCAPLUS
DOCUMENT NUMBER: 81:169466
TITLE: Cyclodesulfurization of thio compounds. II. Novel synthesis of substituted 2-thiazolines from N,N'-disubstituted thioureas and mercuric chloride
AUTHOR(S): Omar, A. Mohsen M. E.; Ragab, Mohamed S.; Hazzaa, A. A. B.
CORPORATE SOURCE: Fac. Pharm., Univ. Alexandria, Alexandria, Egypt
SOURCE: Pharmazie (1974), 29(7), 445-7
CODEN: PHARAT
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **54233-97-5P 54233-98-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and cyclodesulfurization of)
IT **54233-99-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

L19 ANSWER 27 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1974:412741 HCAPLUS
DOCUMENT NUMBER: 81:12741
TITLE: Cyclodesulfurization of thio compounds. 10. Confirmation of the cyclodesulfurization reaction mechanism of N-homoveratryl-N'-substituted thioureas and their S-alkyl pseudo derivatives with mercuric chloride
AUTHOR(S): Omar, A. Mohsenm E.; Ragab, Mohamed S.; Hazzaa, A. A. B.
CORPORATE SOURCE: Fac. Pharm., Univ. Alexandria, Alexandria, UAR
SOURCE: Pharmazie (1974), 29(4), 273-6
CODEN: PHARAT
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **38507-97-0**
RL: PRP (Properties)
(cyclodesulfurization of, mechanism of)

L19 ANSWER 28 OF 40 HCAPLUS COPYRIGHT 2000 ACS

ACCESSION NUMBER: 1974:103768 HCAPLUS
DOCUMENT NUMBER: 80:103768
TITLE: Carbamoyl and guanidine derivatives of sympathomimetic amines
AUTHOR(S): Maurich, V.; Rubessa, F.
CORPORATE SOURCE: Ist. Chim. Farm. Tossicol., Univ. Trieste, Trieste, Italy
SOURCE: Boll. Chim. Farm. (1973), 112(6), 465-71
CODEN: BCFAAI
DOCUMENT TYPE: Journal
LANGUAGE: Italian
IT **51169-84-7P 51169-90-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

L19 ANSWER 29 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1974:59839 HCAPLUS
DOCUMENT NUMBER: 80:59839
TITLE: Synthesis of some 1-substituted amino-6,7-dimethoxy-3,4-dihydroisoquinolines. Cyclodesulfurization of thio compounds. I
AUTHOR(S): Roushdi, I. M.; Omar, A. Mohsen M. E.; Hazzaa, A. A. B.
CORPORATE SOURCE: Fac. Pharm., Univ. Alexandria, Alexandria, UAR
SOURCE: Egypt. J. Pharm. Sci. (1972), 13(1), 101-8
CODEN: EJPSBZ
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **38507-96-9P 38507-97-0P 38507-98-1P**
38508-02-0P 38508-04-2P 38755-02-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and cyclization of)

L19 ANSWER 30 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1974:59838 HCAPLUS
DOCUMENT NUMBER: 80:59838
TITLE: Cyclodesulfurization of some thiourea derivatives to 1-substituted amino-6,7-dimethoxy-3,4-dihydroisoquinolines with mercuric chloride. Cyclodesulfurization of thio compounds. II
AUTHOR(S): Roushdi, I. M.; Omar, A. Mohsen M. E.; Hazzaa, A. A. B.
CORPORATE SOURCE: Fac. Pharm., Univ. Alexandria, Alexandria, UAR
SOURCE: Egypt. J. Pharm. Sci. (1972), 13(1), 109-20
CODEN: EJPSBZ
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **38507-96-9 38507-97-0 38507-98-1**
38508-02-0 38508-04-2 38755-02-1
RL: RCT (Reactant)
(cyclodesulfurization of)
IT **51208-07-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

L19 ANSWER 31 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1973:453150 HCAPLUS
DOCUMENT NUMBER: 79:53150
TITLE: Utilization of thiourea derivatives in the synthesis of new 1-substituted amino-3-methyl(or phenyl)-6,7-dimethoxy-3,4-dihydroisoquinolines. 5. Cyclodesulfurization of thio compounds
AUTHOR(S): Hazzaa, A. A. B.; Omar, A. Mohsen M. E.; Ragab, M. E.
CORPORATE SOURCE: Fac. Pharm., Univ. Alexandria, Alexandria, UAR
SOURCE: Pharmazie (1973), 28(6), 364-6
CODEN: PHARAT

DOCUMENT TYPE: Journal
LANGUAGE: English
IT **43070-94-6P 43070-95-7P 43070-96-8P**
43070-97-9P 43070-99-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

L19 ANSWER 32 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1973:111190 HCAPLUS
DOCUMENT NUMBER: 78:111190
TITLE: Cyclodesulfurization of some pseudothiohydantoin derivatives. Cyclodesulfurization of thio compounds. 4
AUTHOR(S): Omar, A. Mohsen M. E.
CORPORATE SOURCE: Fac. Pharm., Univ. Alexandria, Alexandria, UAR
SOURCE: Pharmazie (1973), 28(2), 110-11
CODEN: PHARAT
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **38507-96-9 38507-97-0**
RL: RCT (Reactant)
(ring closure reaction of, with ethyl bromoacetate)

L19 ANSWER 33 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1973:96753 HCAPLUS
DOCUMENT NUMBER: 78:96753
TITLE: Characterization of the carbon-sulfur double bond frequencies in the infrared spectra of N,N'-disubstituted thiourea derivatives
AUTHOR(S): Mohsen, A.; Omar, M. E.; Osman, Soaad A.
CORPORATE SOURCE: Fac. Pharm., Univ. Alexandria, Alexandria, UAR
SOURCE: Pharmazie (1973), 28(1), 30-1
CODEN: PHARAT
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **39794-42-8 39794-43-9**
RL: PRP (Properties)
(ir spectrum of)

L19 ANSWER 34 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1973:15992 HCAPLUS
DOCUMENT NUMBER: 78:15992
TITLE: Cyclodesulfurization of thio compounds. 3. Thiopseudoureas as efficient starting materials in the synthesis of 1-substituted-amino-6,7-dimethoxy-3,4-dihydroisoquinoline derivatives
AUTHOR(S): Omar, A.-Mohsen M. E.
CORPORATE SOURCE: Fac. Pharm., Univ. Alexandria, Alexandria, UAR
SOURCE: Pharmazie (1972), 27(9), 552-5
CODEN: PHARAT
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **38507-96-9P 38507-97-0P 38507-98-1P**
38508-02-0P 38755-02-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

L19 ANSWER 35 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1972:443075 HCAPLUS
DOCUMENT NUMBER: 77:43075
TITLE: Substituted thiazolidones as anticonvulsants
AUTHOR(S): Dwivedi, C.; Gupta, T. K.; Parmar, Surendra S.
CORPORATE SOURCE: King George's Med. Coll., Lucknow Univ., Lucknow, India
SOURCE: J. Med. Chem. (1972), 15(5), 553-4
CODEN: JMCMAR

DOCUMENT TYPE: Journal
LANGUAGE: English
IT **38507-96-9P 38507-97-0P 38507-98-1P**
38507-99-2P 38508-00-8P 38508-01-9P
38508-02-0P 38508-03-1P 38508-04-2P
38755-02-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

L19 ANSWER 36 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1972:107932 HCAPLUS
DOCUMENT NUMBER: 76:107932
TITLE: Substituted thiazolidones and their selective inhibition of nicotinamide-adenine dinucleotide dependent oxidations
AUTHOR(S): Parmar, Surendra S.; Dwivedi, C.; Chaudhari, A.; Gupta, T. K.
CORPORATE SOURCE: King George's Med. Coll., Lucknow Univ., Lucknow, India
SOURCE: J. Med. Chem. (1972), 15(1), 99-101
CODEN: JMCMAR
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **35787-45-2P 35787-46-3P 35787-47-4P**
35787-48-5P 35787-49-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

L19 ANSWER 37 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1970:487566 HCAPLUS
DOCUMENT NUMBER: 73:87566
TITLE: Synthesis and hypotensive activity of N-substituted 1-trimethoxybenzyl-3-butenylamines and related compounds
AUTHOR(S): McCarty, F. J.; Lendvay, L. J.; Vazakas, A. J.; Bennetts, W. W.; Palopoli, F. P.; Orzechowski, R.; Goldstein, S.
CORPORATE SOURCE: Med. Chem. Res. Dep., Nat. Drug Co., Philadelphia, Pa., USA
SOURCE: J. Med. Chem. (1970), 13(5), 814-19
CODEN: JMCMAR
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **29142-85-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

L19 ANSWER 38 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1969:491052 HCAPLUS
DOCUMENT NUMBER: 71:91052
TITLE: Urea and thiourea derivatives useful against molluscs and snails
PATENT ASSIGNEE(S): CIBA Ltd.
SOURCE: Fr., 9 pp.
CODEN: FRXXAK
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 1511325		19680126		
PRIORITY APPLN. INFO.:			CH	19660308

IT **14572-29-3P 23750-01-8P 23750-07-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)

(prepn. of)

L19 ANSWER 39 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1967:402870 HCAPLUS
DOCUMENT NUMBER: 67:2870
TITLE: Preparations with biocidic activity
PATENT ASSIGNEE(S): CIBA Ltd.
SOURCE: Neth. Appl., 14 pp.
CODEN: NAXXAN
DOCUMENT TYPE: Patent
LANGUAGE: Dutch
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
NL 6603894		19660926		
PRIORITY APPLN. INFO.:			CH	19650325

IT **14572-29-3P 14572-36-2P 14572-42-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

L19 ANSWER 40 OF 40 HCAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1967:2329 HCAPLUS
DOCUMENT NUMBER: 66:2329
TITLE: Ureas
PATENT ASSIGNEE(S): CIBA Ltd.
SOURCE: Neth. Appl., 19 pp.
CODEN: NAXXAN
DOCUMENT TYPE: Patent
LANGUAGE: Dutch
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
NL 6516437		19660620		
PRIORITY APPLN. INFO.:			CH	19641212

IT **13571-29-4P 13571-32-9P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

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L20          1 L16

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L20  ANSWER 1 OF 1  CAOLD  COPYRIGHT 2000 ACS
AN   CA61:8226d  CAOLD
TI   cyclization of isothiocyanates as a route to phthalic and homophthalic
     acid derivs.
AU   Smith, Peter A. S.; Kan, R. O.
IT    532-55-8    938-38-5   2257-09-2   3723-00-0   4379-50-4   6552-60-9
     6629-81-8   6939-63-5   7251-82-3  16794-68-6  19495-08-0  28115-86-8
     29313-32-4  36073-72-0  40314-06-5  51423-65-5  52962-24-0  56437-99-1
     65739-28-8  66090-35-5  67755-56-0  72411-02-0  78374-84-2  80428-26-8
     89924-18-5  90224-99-0  90609-84-0  90923-88-9  90923-89-0  90924-27-9
     91160-02-0  91880-79-4  91929-54-3  91973-53-4  92255-50-0
     92435-01-3  92818-98-9  92966-70-6  92967-10-7
     93048-49-8  93485-16-6  93733-27-8  94096-04-5  94096-07-8  94096-16-9
     94258-31-8  94268-13-0  94268-17-4  94459-64-0  94764-62-2  94764-63-3
     94871-72-4  96504-56-2  97317-21-0  97636-03-8  97636-04-9 100336-35-4
     100434-43-3


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DICTIONARY FILE UPDATES:  20 JUL 2000  HIGHEST RN 279214-37-8

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5         RN             273392-52-2  REGISTRY
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8         RN             273392-30-6  REGISTRY
9         RN             273392-24-8  REGISTRY
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10	RN	273392-07-7	REGISTRY
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13	RN	273392-04-4	REGISTRY
14	RN	273392-02-2	REGISTRY
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18	RN	273391-70-1	REGISTRY
19	RN	273391-69-8	REGISTRY
20	RN	273391-68-7	REGISTRY
21	RN	273391-67-6	REGISTRY
22	RN	273391-38-1	REGISTRY
23	RN	273391-37-0	REGISTRY
24	RN	273391-31-4	REGISTRY
25	RN	273391-25-6	REGISTRY
26	RN	273390-97-9	REGISTRY
27	RN	273390-88-8	REGISTRY
28	RN	273390-85-5	REGISTRY
29	RN	273390-29-7	REGISTRY
30	RN	273390-20-8	REGISTRY
31	RN	273390-19-5	REGISTRY
32	RN	273390-18-4	REGISTRY
33	RN	273390-17-3	REGISTRY
34	RN	273390-11-7	REGISTRY
35	RN	273390-10-6	REGISTRY
36	RN	273390-09-3	REGISTRY
37	RN	273390-08-2	REGISTRY
38	RN	260446-96-6	REGISTRY
39	RN	260446-95-5	REGISTRY
40	RN	260410-25-1	REGISTRY
41	RN	228112-02-5	REGISTRY
42	RN	228112-01-4	REGISTRY
43	RN	228111-98-6	REGISTRY
44	RN	228111-94-2	REGISTRY
45	RN	221265-33-4	REGISTRY
46	RN	221265-28-7	REGISTRY
47	RN	221265-24-3	REGISTRY
48	RN	220636-63-5	REGISTRY
49	RN	220635-67-6	REGISTRY
50	RN	220635-04-1	REGISTRY
51	RN	171202-32-7	REGISTRY
52	RN	167885-68-9	REGISTRY
53	RN	167885-67-8	REGISTRY
54	RN	167885-66-7	REGISTRY
55	RN	167885-65-6	REGISTRY
56	RN	149107-76-6	REGISTRY
57	RN	135956-40-0	REGISTRY
58	RN	135956-39-7	REGISTRY
59	RN	135935-52-3	REGISTRY
60	RN	132024-66-9	REGISTRY
61	RN	131999-78-5	REGISTRY
62	RN	131999-77-4	REGISTRY
63	RN	131999-76-3	REGISTRY
64	RN	129499-19-0	REGISTRY
65	RN	129499-17-8	REGISTRY
66	RN	129235-81-0	REGISTRY
67	RN	129235-80-9	REGISTRY
68	RN	126886-00-8	REGISTRY
69	RN	126267-99-0	REGISTRY
70	RN	122415-78-5	REGISTRY
71	RN	122415-54-7	REGISTRY
72	RN	122415-46-7	REGISTRY
73	RN	122415-35-4	REGISTRY
74	RN	122415-33-2	REGISTRY
75	RN	122415-22-9	REGISTRY

76	RN	120139-46-0	REGISTRY
77	RN	113418-22-7	REGISTRY
78	RN	96503-28-5	REGISTRY
79	RN	92966-70-6	REGISTRY
80	RN	92435-01-3	REGISTRY
81	RN	90058-04-1	REGISTRY
82	RN	89544-61-6	REGISTRY
83	RN	85929-36-8	REGISTRY
84	RN	85916-25-2	REGISTRY
85	RN	85916-24-1	REGISTRY
86	RN	85916-15-0	REGISTRY
87	RN	79797-45-8	REGISTRY
88	RN	79658-82-5	REGISTRY
89	RN	76289-20-8	REGISTRY
90	RN	76289-19-5	REGISTRY
91	RN	76289-18-4	REGISTRY
92	RN	76289-17-3	REGISTRY
93	RN	71177-42-9	REGISTRY
94	RN	70953-50-3	REGISTRY
95	RN	70953-48-9	REGISTRY
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102	RN	51208-07-2	REGISTRY
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104	RN	51169-84-7	REGISTRY
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106	RN	43070-97-9	REGISTRY
107	RN	43070-96-8	REGISTRY
108	RN	43070-95-7	REGISTRY
109	RN	43070-94-6	REGISTRY
110	RN	39794-43-9	REGISTRY
111	RN	39794-42-8	REGISTRY
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115	RN	38508-02-0	REGISTRY
116	RN	38508-01-9	REGISTRY
117	RN	38508-00-8	REGISTRY
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119	RN	38507-98-1	REGISTRY
120	RN	38507-97-0	REGISTRY
121	RN	38507-96-9	REGISTRY
122	RN	35787-49-6	REGISTRY
123	RN	35787-48-5	REGISTRY
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125	RN	35787-46-3	REGISTRY
126	RN	35787-45-2	REGISTRY
127	RN	29142-85-6	REGISTRY
128	RN	23750-07-4	REGISTRY
129	RN	23750-01-8	REGISTRY
130	RN	14572-42-0	REGISTRY
131	RN	14572-36-2	REGISTRY
132	RN	14572-29-3	REGISTRY
133	RN	13571-32-9	REGISTRY
134	RN	13571-29-4	REGISTRY

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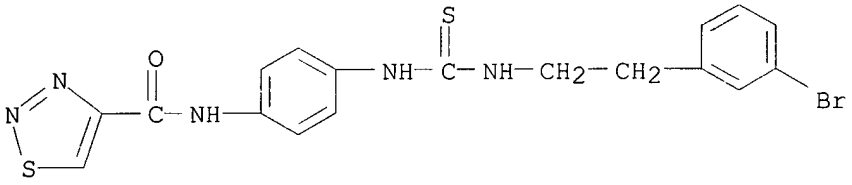
L16 ANSWER 1 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 273392-56-6 REGISTRY
CN 1,2,3-Thiadiazole-4-carboxamide, N-[4-[[[[2-(3-bromophenyl)ethyl]amino]thioxomethyl]amino]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C18 H16 Br N5 O S2
SR CA
LC STN Files: CA, CAPLUS



7 REFERENCES IN FILE CA (1967 TO DATE)
7 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30733

REFERENCE 2: 133:30667

REFERENCE 3: 133:30666

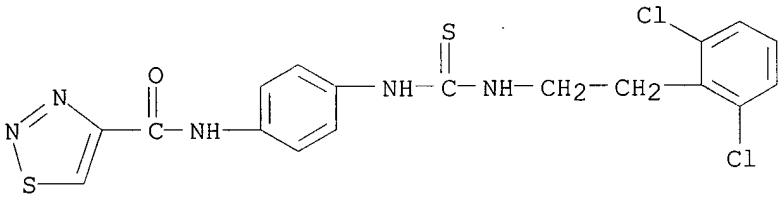
REFERENCE 4: 133:30657

REFERENCE 5: 133:30588

REFERENCE 6: 133:30587

REFERENCE 7: 133:30586

L16 ANSWER 15 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 273391-95-0 REGISTRY
CN 1,2,3-Thiadiazole-4-carboxamide, N-[4-[[[[2-(2,6-dichlorophenyl)ethyl]amino]thioxomethyl]amino]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C18 H15 Cl2 N5 O S2
SR CA
LC STN Files: CA, CAPLUS



7 REFERENCES IN FILE CA (1967 TO DATE)
7 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30733

REFERENCE 2: 133:30667

REFERENCE 3: 133:30666

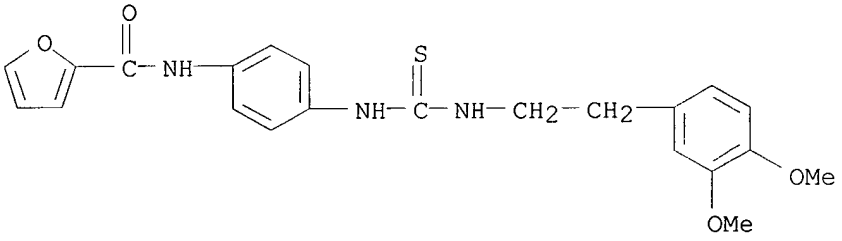
REFERENCE 4: 133:30657

REFERENCE 5: 133:30588

REFERENCE 6: 133:30587

REFERENCE 7: 133:30586

L16 ANSWER 26 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 273390-97-9 REGISTRY
CN 2-Furancarboxamide, N-[4-[[[[2-(3,4-dimethoxyphenyl)ethyl]amino]thioxometh
yl]amino]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C22 H23 N3 O4 S
SR CA
LC STN Files: CA, CAPLUS



7 REFERENCES IN FILE CA (1967 TO DATE)
7 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30733

REFERENCE 2: 133:30667

REFERENCE 3: 133:30666

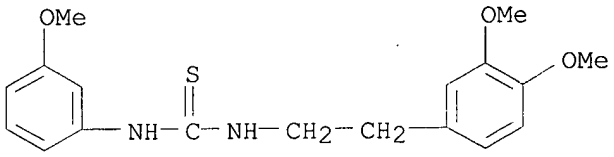
REFERENCE 4: 133:30657

REFERENCE 5: 133:30588

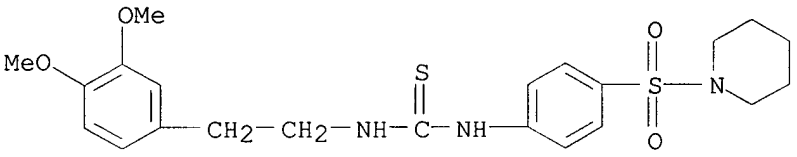
REFERENCE 6: 133:30587

REFERENCE 7: 133:30586

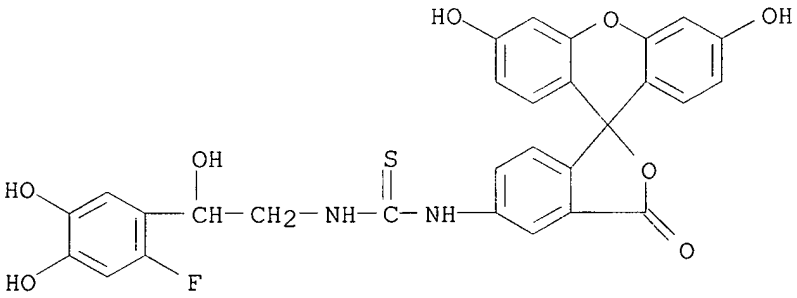
L16 ANSWER 38 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 260446-96-6 REGISTRY
CN Thiourea, N-[2-(3,4-dimethoxyphenyl)ethyl]-N'-(3-methoxyphenyl)- (9CI)
(CA INDEX NAME)
FS 3D CONCORD
MF C18 H22 N2 O3 S
SR CAS Registry Services
LC STN Files: CHEMCATS



L16 ANSWER 40 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 260410-25-1 REGISTRY
CN Piperidine, 1-[[4-[[[2-(3,4-dimethoxyphenyl)ethyl]amino]thioxomethyl]amino]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C22 H29 N3 O4 S2
SR CAS Registry Services
LC STN Files: CHEMCATS



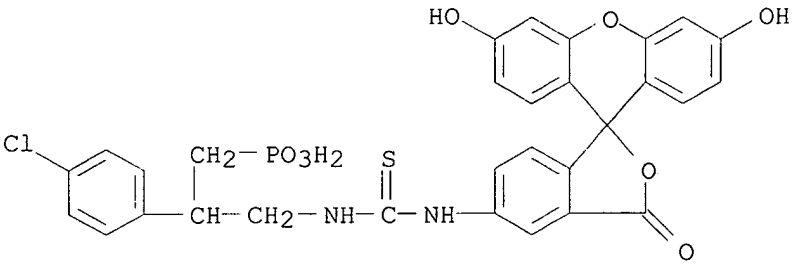
L16 ANSWER 41 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 228112-02-5 REGISTRY
CN Thiourea, N-(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-5-yl)-N'-[2-(2-fluoro-4,5-dihydroxyphenyl)-2-hydroxyethyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H21 F N2 O8 S
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 131:56155

L16 ANSWER 43 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 228111-98-6 REGISTRY
CN Phosphonic acid, [2-(4-chlorophenyl)-3-[[[(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-5-yl)amino]thioxomethyl]amino]propyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H24 Cl N2 O8 P S
SR CA
LC STN Files: CA, CAPLUS

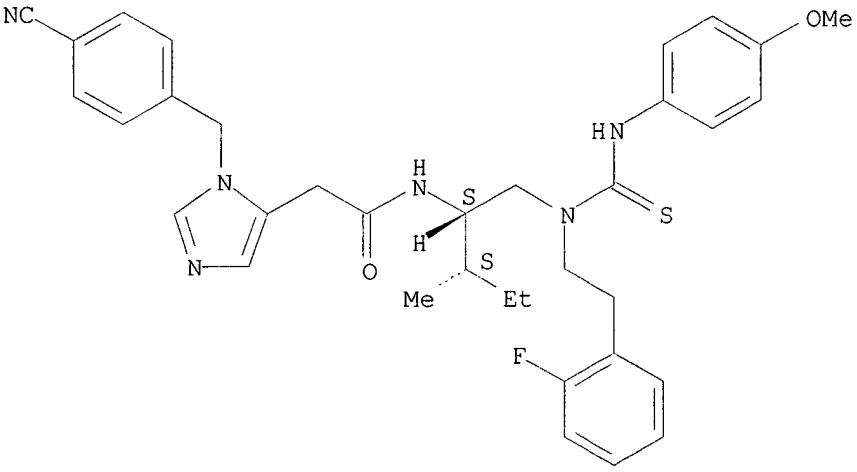


1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 131:56155

L16 ANSWER 45 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 221265-33-4 REGISTRY
CN 1H-Imidazole-5-acetamide, 1-[(4-cyanophenyl)methyl]-N-[(1S,2S)-1-[[[2-(2-fluorophenyl)ethyl][[(4-methoxyphenyl)amino]thioxomethyl]amino]methyl]-2-methylbutyl]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C35 H39 F N6 O2 S
SR CA
LC STN Files: CA, CAPLUS

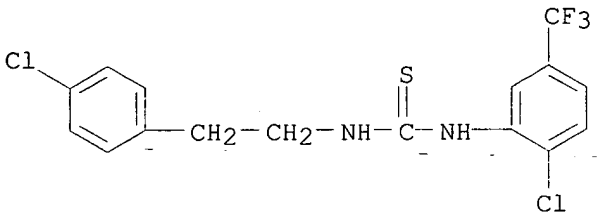
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:237565

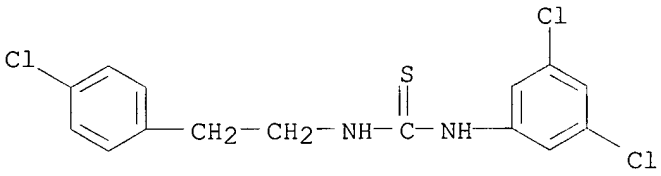
L16 ANSWER 48 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 220636-63-5 REGISTRY
CN Thiourea, N-[2-(4-chlorophenyl)ethyl]-N'-[2-chloro-5-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C16 H13 Cl2 F3 N2 S
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:196506

L16 ANSWER 49 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 220635-67-6 REGISTRY
CN Thiourea, N-[2-(4-chlorophenyl)ethyl]-N'-(3,5-dichlorophenyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C15 H13 Cl3 N2 S
SR CA
LC STN Files: CA, CAPLUS

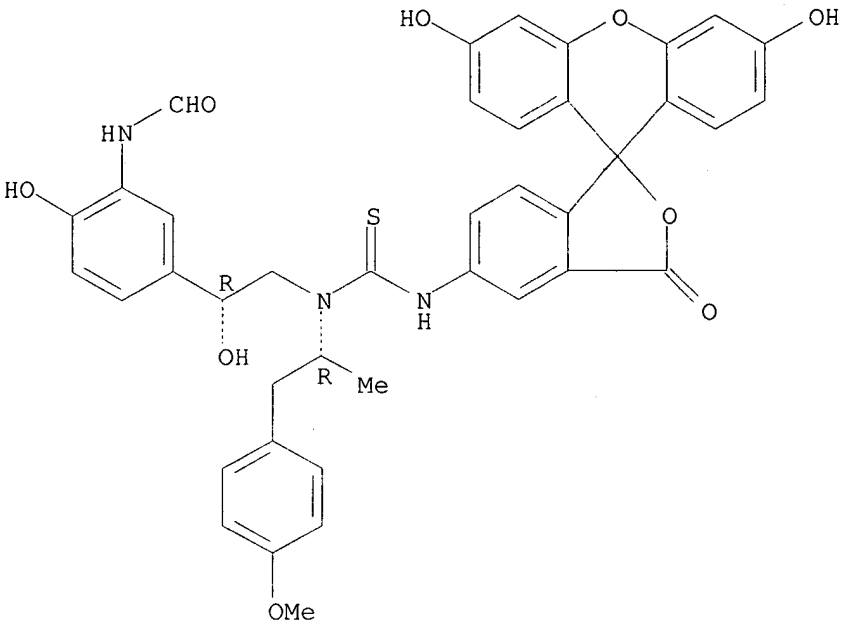


1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:196506

L16 ANSWER 51 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 171202-32-7 REGISTRY
CN Formamide, N-[5-[(1R)-2-[[[(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-5-yl)amino]thioxomethyl][(1R)-2-(4-methoxyphenyl)-1-methylethyl]amino]-1-hydroxyethyl]-2-hydroxyphenyl]- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Formamide, N-[5-[2-[[[(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-5-yl)amino]thioxomethyl][2-(4-methoxyphenyl)-1-methylethyl]amino]-1-hydroxyethyl]-2-hydroxyphenyl]-, (R*,R*)-
FS STEREOSEARCH
MF C40 H35 N3 O9 S
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

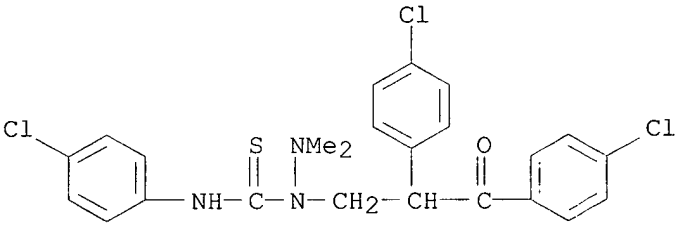
Relative stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 123:350474

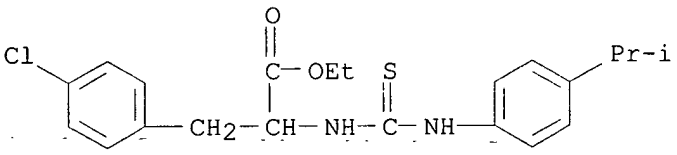
L16 ANSWER 52 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 167885-68-9 REGISTRY
CN Hydrazinecarbothioamide, 1-[2,3-bis(4-chlorophenyl)-3-oxopropyl]-N-(4-chlorophenyl)-2,2-dimethyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H22 Cl3 N3 O S
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 123:198285

L16 ANSWER 56 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 149107-76-6 REGISTRY
CN Phenylalanine, 4-chloro-N-[[[4-(1-methylethyl)phenyl]amino]thioxomethyl]-, ethyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN DL-Phenylalanine, 4-chloro-N-[[[4-(1-methylethyl)phenyl]amino]thioxomethyl]-, ethyl ester
FS 3D CONCORD
MF C21 H25 Cl N2 O2 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



3 REFERENCES IN FILE CA (1967 TO DATE)
3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 121:301313

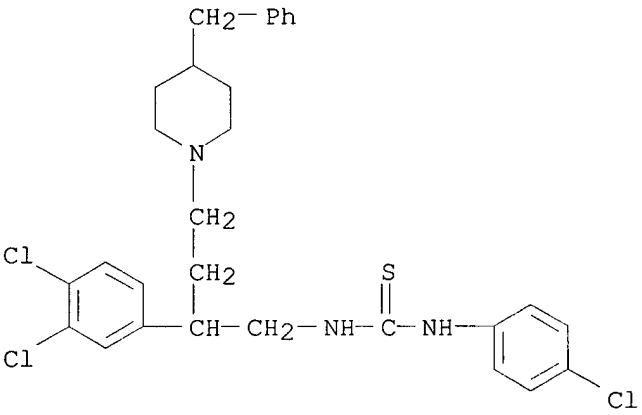
REFERENCE 2: 121:108595

REFERENCE 3: 119:249940

L16 ANSWER 57 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 135956-40-0 REGISTRY
CN Thiourea, N-(4-chlorophenyl)-N'-[2-(3,4-dichlorophenyl)-4-[4-(phenylmethyl)-1-piperidinyl]butyl]-, monomethanesulfonate (9CI) (CA INDEX NAME)
MF C29 H32 Cl3 N3 S . C H4 O3 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

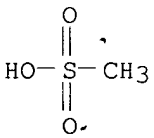
CM 1

CRN 135956-39-7
CMF C29 H32 Cl3 N3 S



CM 2

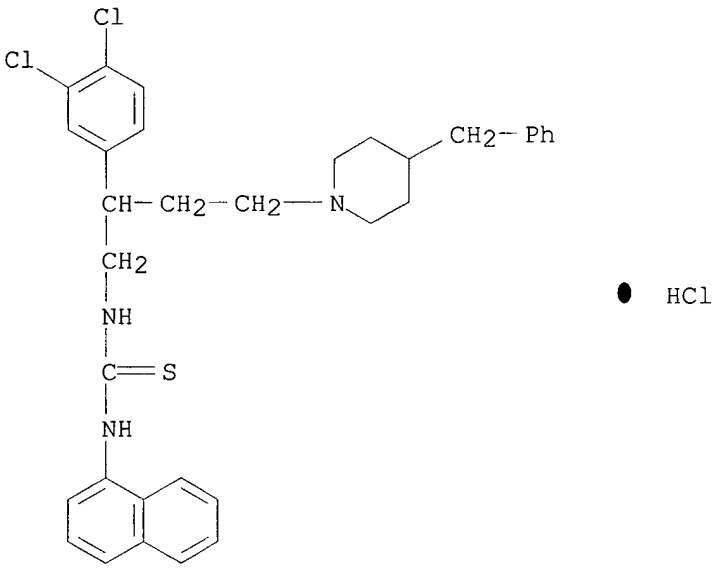
CRN 75-75-2
CMF C H4 O3 S



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 115:279818

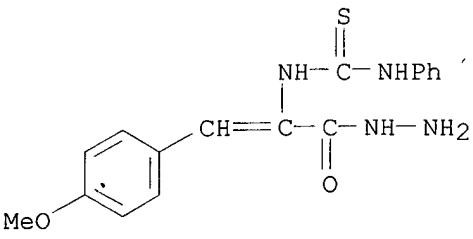
L16 ANSWER 59 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 135935-52-3 REGISTRY
CN Thiourea, N-[2-(3,4-dichlorophenyl)-4-[4-(phenylmethyl)-1-piperidinyl]butyl]-N'-1-naphthalenyl-, monohydrochloride (9CI) (CA INDEX NAME)
MF C33 H35 Cl2 N3 S . Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 115:279818

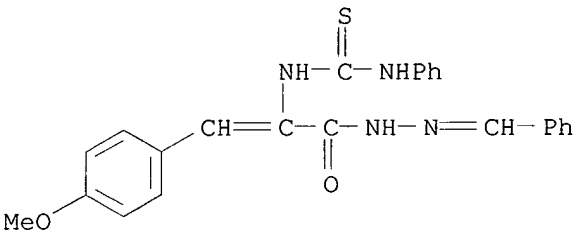
L16 ANSWER 60 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 132024-66-9 REGISTRY
CN 2-Propenoic acid, 3-(4-methoxyphenyl)-2-[[(phenylamino)thioxomethyl]amino]-, hydrazide (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C17 H18 N4 O2 S
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 114:81725

L16 ANSWER 61 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 131999-78-5 REGISTRY
CN 2-Propenoic acid, 3-(4-methoxyphenyl)-2-[[(phenylamino)thioxomethyl]amino]-, (phenylmethylene)hydrazide (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H22 N4 O2 S
SR CA
LC STN Files: CA, CAPLUS



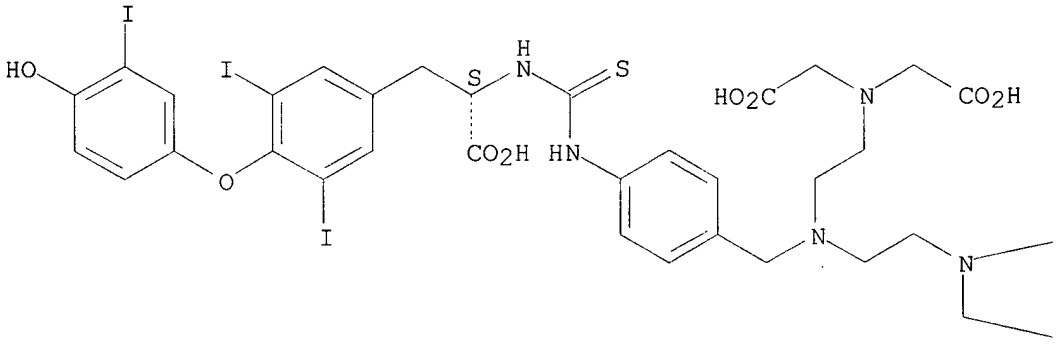
1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 114:81725

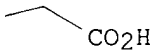
L16 ANSWER 64 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 129499-19-0 REGISTRY
CN L-Tyrosine, N-[[[4-[[bis[2-[bis(carboxymethyl)amino]ethyl]amino]methyl]phenyl]amino]thioxomethyl]-O-(4-hydroxy-3-iodophenyl)-3,5-diiodo- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C35 H38 I3 N5 O12 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

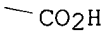
Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



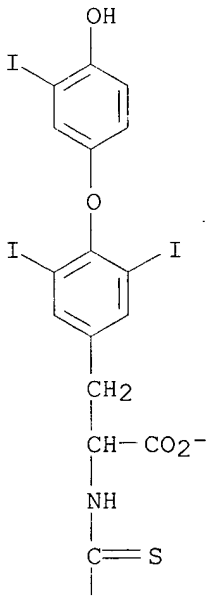


1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

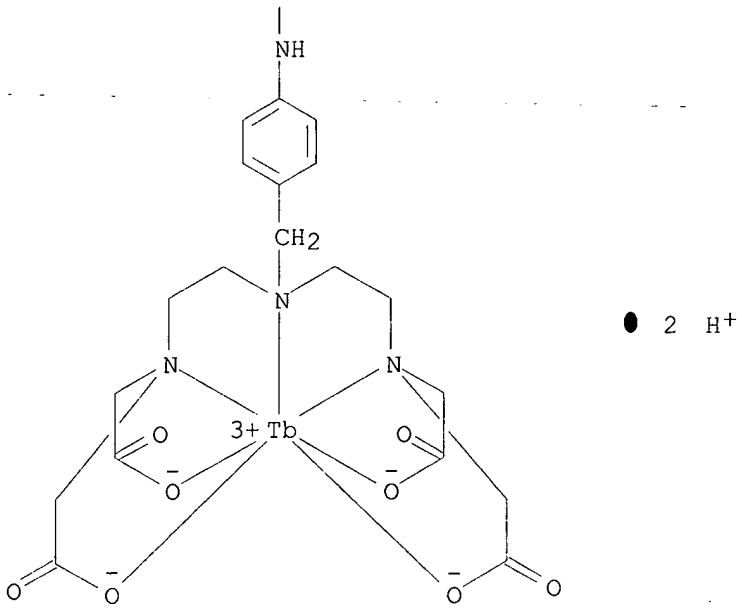
REFERENCE 1: 113:148402

L16 ANSWER 66 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 129235-81-0 REGISTRY
CN Terbate(2-), [N-[[[4-[[bis[2-[bis(carboxymethyl)amino]ethyl]amino]methyl]phenyl]amino]thioxomethyl]-O-(4-hydroxy-3-iodophenyl)-3,5-diiodotyrosinato(5-)]-, dihydrogen (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Tyrosine, N-[[[4-[[bis[2-[bis(carboxymethyl)amino]ethyl]amino]methyl]phenyl]amino]thioxomethyl]-O-(4-hydroxy-3-iodophenyl)-3,5-diiodo-, terbium complex
MF C35 H33 I3 N5 O12 S Tb . 2 H
CI CCS
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

PAGE 1-A



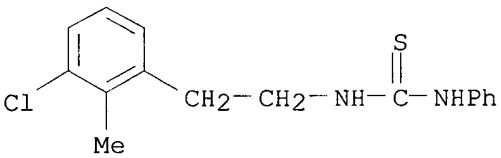
PAGE 2-A



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 113:148402

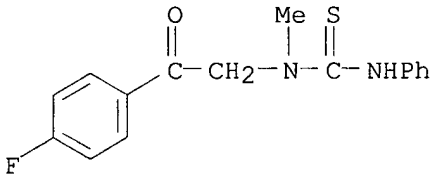
L16 ANSWER 68 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 126886-00-8 REGISTRY
CN Thiourea, N-[2-(3-chloro-2-methylphenyl)ethyl]-N'-phenyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C16 H17 Cl N2 S
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 112:197814

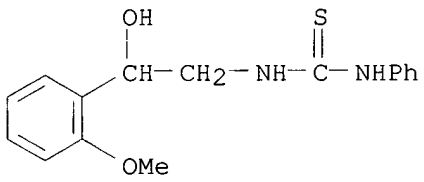
L16 ANSWER 69 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 126267-99-0 REGISTRY
CN Thiourea, N-[2-(4-fluorophenyl)-2-oxoethyl]-N-methyl-N'-phenyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C16 H15 F N2 O S
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 112:216928

L16 ANSWER 70 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 122415-78-5 REGISTRY
CN Thiourea, N-[2-hydroxy-2-(2-methoxyphenyl)ethyl]-N'-phenyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C16 H18 N2 O2 S
SR CA
LC STN Files: CA, CAPLUS



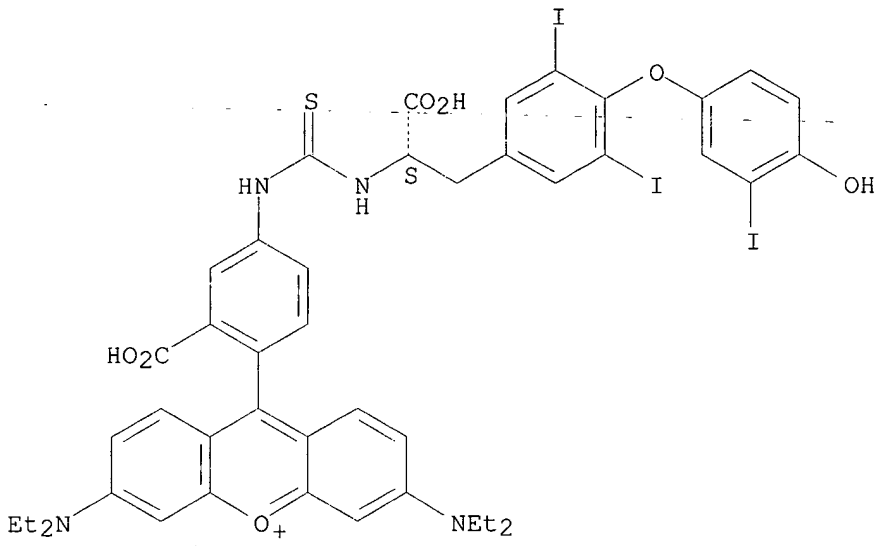
1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 111:114884

L16 ANSWER 76 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 120139-46-0 REGISTRY
CN Xanthylium, 9-[2-carboxy-4-[[[[1-carboxy-2-[4-(4-hydroxy-3-iodophenoxy)-3,5-diiodophenyl]ethyl]amino]thioxomethyl]amino]phenyl]-3,6-bis(diethylamino)-, chloride, (S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C44 H42 I3 N4 O7 S . Cl
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

Absolute stereochemistry.

PAGE 1-A



PAGE 2-A

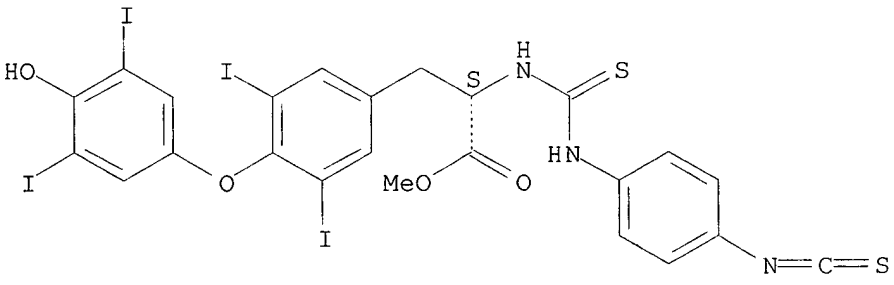
● Cl^-

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 110:166536

L16 ANSWER 77 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 113418-22-7 REGISTRY
CN L-Tyrosine, O-(4-hydroxy-3,5-diiodophenyl)-3,5-diiodo-N-[[(4-isothiocyanatophenyl)amino]thioxomethyl]-, methyl ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C24 H17 I4 N3 O4 S2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

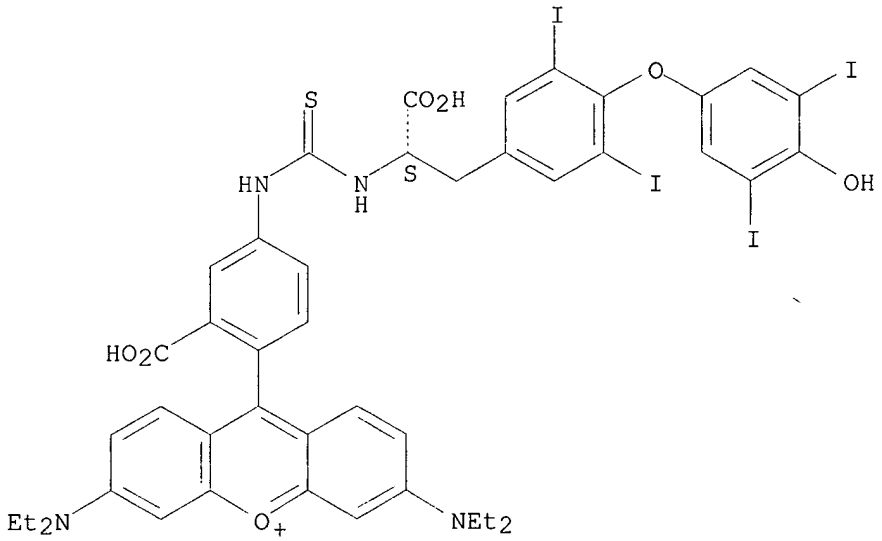
REFERENCE 1: 108:128099

L16 ANSWER 78 OF 134 REGISTRY COPYRIGHT 2000 ACS

RN 96503-28-5 REGISTRY
CN Xanthylium, 9-[2-carboxy-4-[[[[1-carboxy-2-[4-(4-hydroxy-3,5-diiodophenoxy)-3,5-diiodophenyl]ethyl]amino]thioxomethyl]amino]phenyl]-3,6-bis(diethylamino)-, chloride, (S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C44 H41 I4 N4 O7 S . Cl
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

PAGE 1-A



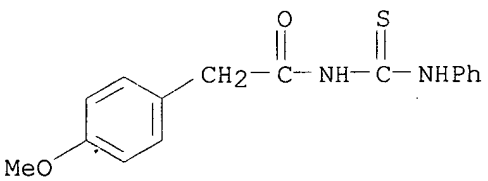
PAGE 2-A

● Cl^-

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 103:34354

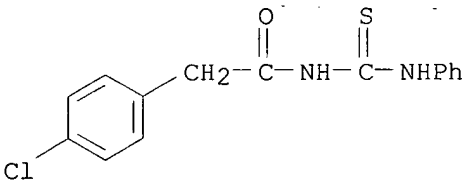
L16 ANSWER 79 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 92966-70-6 REGISTRY
CN Urea, 1-[(p-methoxyphenyl)acetyl]-3-phenyl-2-thio- (7CI) (CA INDEX NAME)
FS 3D CONCORD
MF C16 H16 N2 O2 S
LC STN Files: BEILSTEIN*, CAOLD
(*File contains numerically searchable property data)



1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L16 ANSWER 80 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 92435-01-3 REGISTRY
CN Urea, 1-[(p-chlorophenyl)acetyl]-3-phenyl-2-thio- (7CI) (CA INDEX NAME)

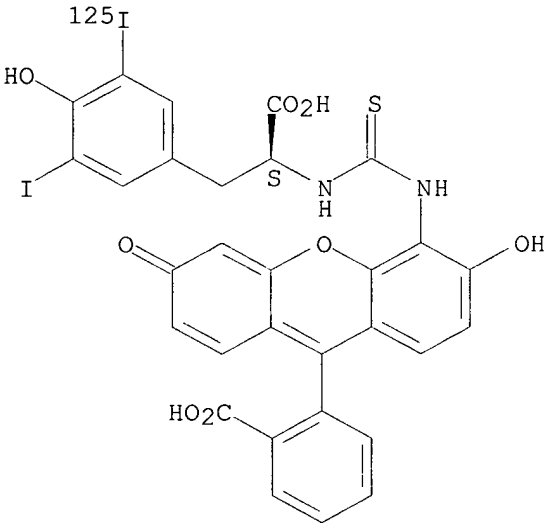
FS 3D CONCORD
MF C15 H13 Cl N2 O S
LC STN Files: BEILSTEIN*, CAOLD
(*File contains numerically searchable property data)



1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L16 ANSWER 81 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 90058-04-1 REGISTRY
CN L-Tyrosine, N-[[[9-(2-carboxyphenyl)-6-hydroxy-3-oxo-3H-xanthen-5-yl]amino]thioxomethyl]-3-iodo-5-(iodo-125I)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C30 H20 I2 N2 O8 S
LC STN Files: CA, CAPLUS

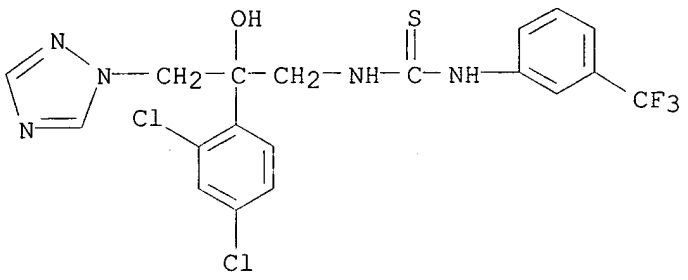
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 100:192263

L16 ANSWER 82 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 89544-61-6 REGISTRY
CN Thiourea, N-[2-(2,4-dichlorophenyl)-2-hydroxy-3-(1H-1,2,4-triazol-1-yl)propyl]-N'-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H16 Cl2 F3 N5 O S
LC STN Files: CA, CAPLUS, USPATFULL



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 100:156613

L16 ANSWER 83 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 85929-36-8 REGISTRY
CN Tyrosine, N-[[[4-[3,5-bis[[bis[2-(1,1-dimethylethoxy)-2-oxoethyl]amino]methyl]-4-methoxybenzoyl]phenyl]amino]thioxomethyl]-O-(4-hydroxy-3,5-diiodophenyl)-3,5-diiodo-, methyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C57 H70 I4 N4 O14 S
LC STN Files: CA, CAPLUS, USPATFULL

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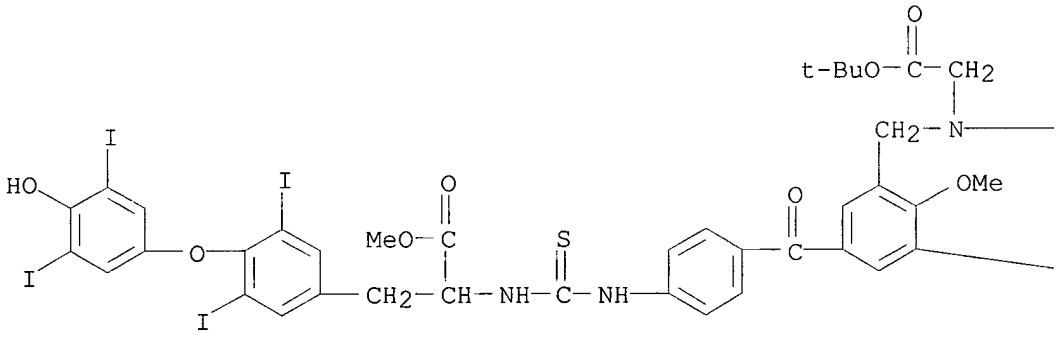

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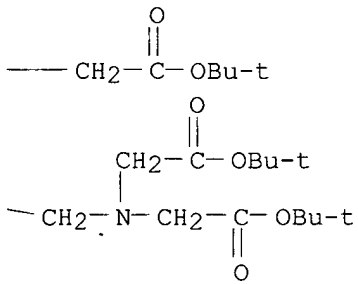

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 98:218134

L16 ANSWER 84 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 85916-25-2 REGISTRY
CN Tyrosine, N-[[[3-[[6,8-bis[[bis(carboxymethyl)amino]methyl]-7-hydroxy-2-oxo-2H-1-benzopyran-3-yl]carbonyl]phenyl]amino]thioxomethyl]-O-(4-hydroxy-3,5-diiodophenyl)-3,5-diiodo-, .alpha.-methyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C43 H36 I4 N4 O16 S
LC STN Files: CA, CAPLUS, USPATFULL

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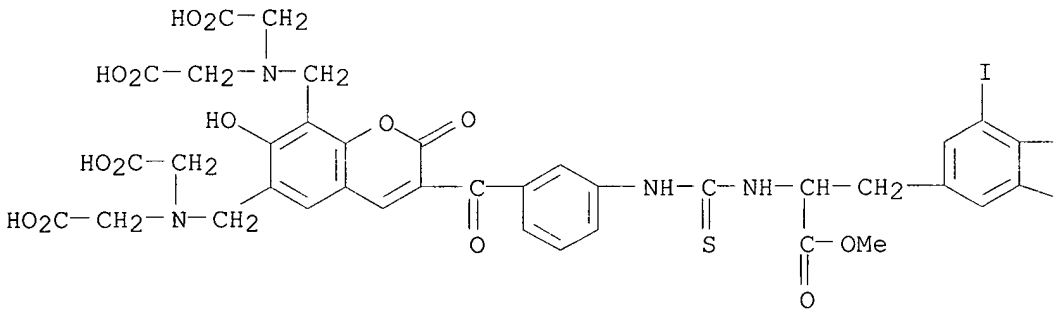

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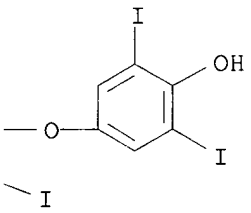
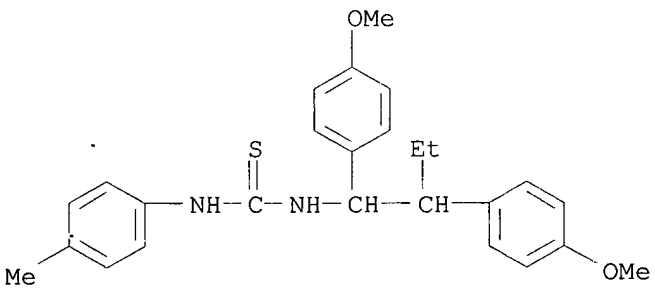


1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 98:218134

L16 ANSWER 87 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 79797-45-8 REGISTRY
CN Thiourea, N-[1,2-bis(4-methoxyphenyl)butyl]-N'-(4-methylphenyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C26 H30 N2 O2 S
LC STN Files: CA, CAPLUS

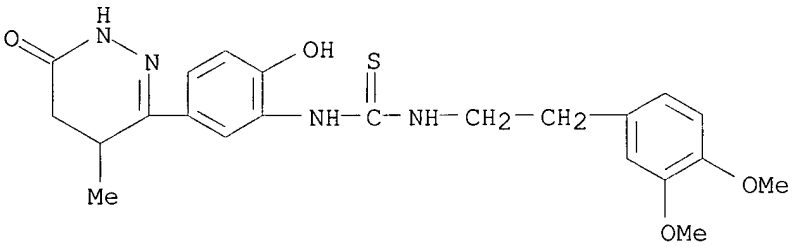


1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 95:203521

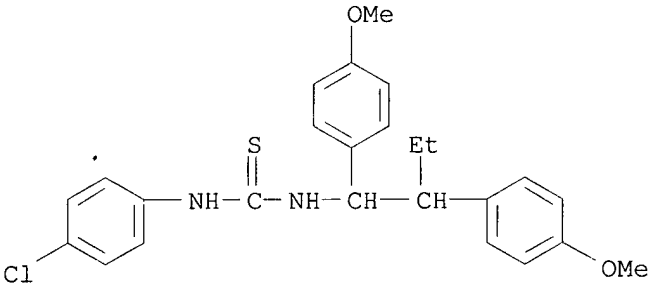
L16 ANSWER 88 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 79658-82-5 REGISTRY
CN Thiourea, N-[2-(3,4-dimethoxyphenyl)ethyl]-N'-[2-hydroxy-5-(1,4,5,6-tetrahydro-4-methyl-6-oxo-3-pyridazinyl)phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C22 H26 N4 O4 S
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 95:203981

L16 ANSWER 89 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 76289-20-8 REGISTRY
CN Thiourea, N-[1,2-bis(4-methoxyphenyl)butyl]-N'-(4-chlorophenyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C25 H27 Cl N2 O2 S
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



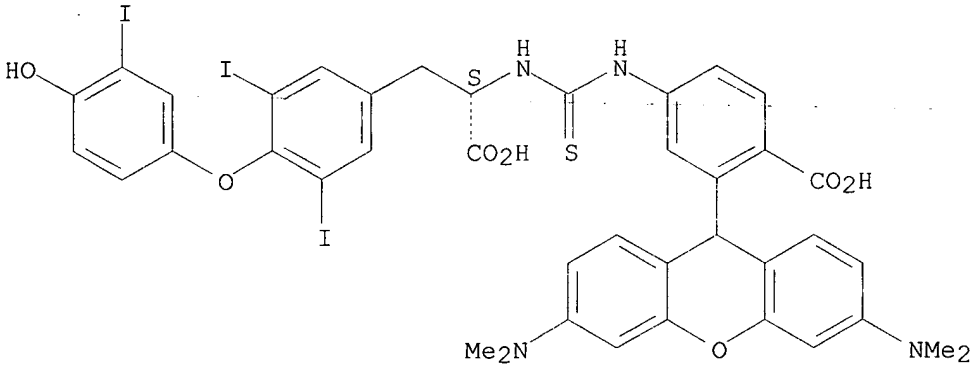
2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 95:203521

REFERENCE 2: 94:46924

L16 ANSWER 93 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 71177-42-9 REGISTRY
CN L-Tyrosine, N-[[[3-[3,6-bis(dimethylamino)-9H-xanthen-9-yl]-4-carboxyphenyl]amino]thioxomethyl]-O-(4-hydroxy-3-iodophenyl)-3,5-diiodo- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H35 I3 N4 O7 S
LC STN Files: CA, CAPLUS, TOXLIT

Absolute stereochemistry.

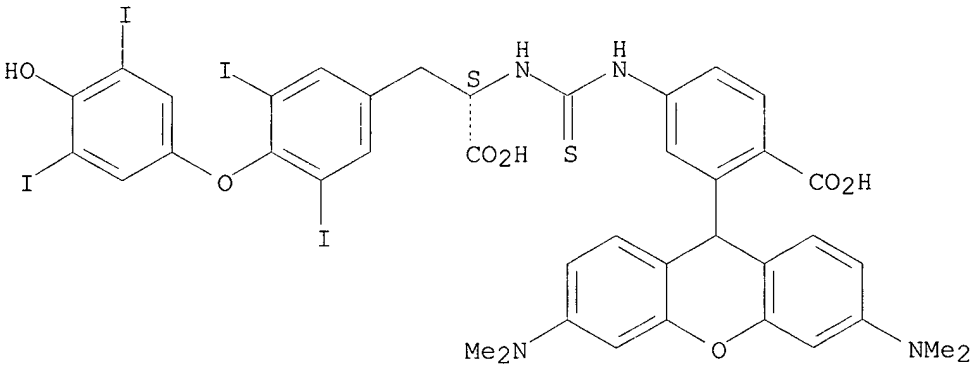


1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 91:83680

L16 ANSWER 94 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 70953-50-3 REGISTRY
CN L-Tyrosine, N-[[[3-[3,6-bis(dimethylamino)-9H-xanthen-9-yl]-4-carboxyphenyl]amino]thioxomethyl]-O-(4-hydroxy-3,5-diiodophenyl)-3,5-diiodo- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H34 I4 N4 O7 S
LC STN Files: CA, CAPLUS, TOXLIT

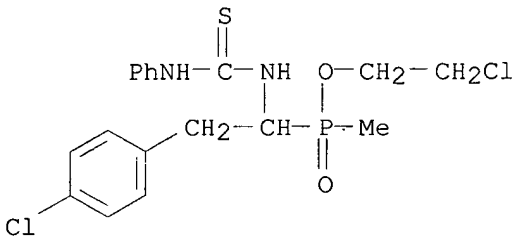
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 91:83680

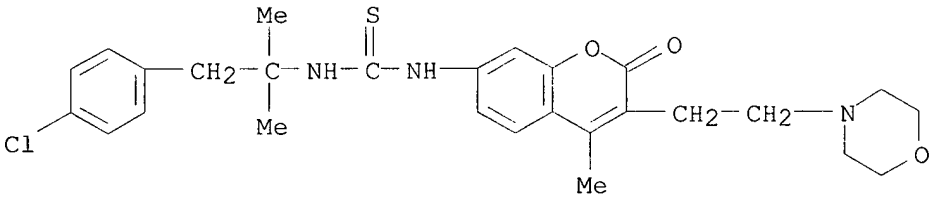
L16 ANSWER 97 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 62576-51-6 REGISTRY
CN Phosphinic acid, [2-(4-chlorophenyl)-1-[[(phenylamino)thioxomethyl]amino]ethyl]methyl-, 2-chloroethyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C18 H21 Cl2 N2 O2 P S
LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 86:155794

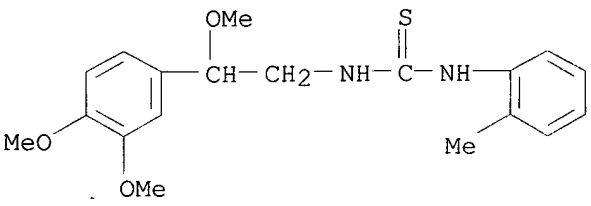
L16 ANSWER 98 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 59636-95-2 REGISTRY
CN Thiourea, N-[2-(4-chlorophenyl)-1,1-dimethylethyl]-N'-[4-methyl-3-[2-(4-morpholinyl)ethyl]-2-oxo-2H-1-benzopyran-7-yl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C27 H32 Cl N3 O3 S
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 85:32846

L16 ANSWER 99 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 54233-99-7 REGISTRY
CN Thiourea, N-[2-(3,4-dimethoxyphenyl)-2-methoxyethyl]-N'-(2-methylphenyl)-(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H24 N2 O3 S
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

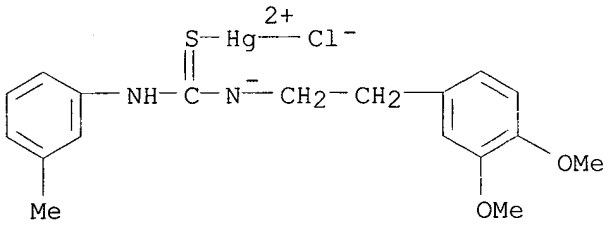


1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 81:169466

L16 ANSWER 102 OF 134 REGISTRY COPYRIGHT 2000 ACS

RN 51208-07-2 REGISTRY
CN Mercury, chloro[N-[2-(3,4-dimethoxyphenyl)ethyl]-N'-(3-methylphenyl)thioureato-S]-, monohydrochloride (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Thiourea, N-[2-(3,4-dimethoxyphenyl)ethyl]-N'-(3-methylphenyl)-, mercury complex
MF C18 H21 Cl Hg N2 O2 S . Cl H
CI CCS
LC STN Files: CA, CAPLUS

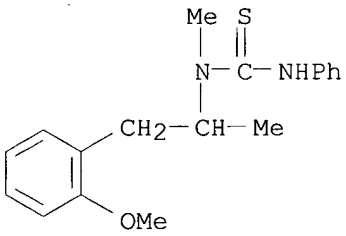


● HCl

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 80:59838

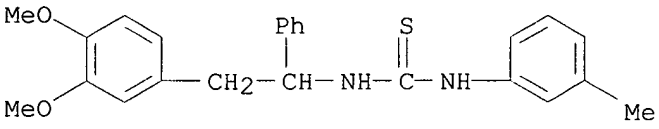
L16 ANSWER 103 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 51169-90-5 REGISTRY
CN Thiourea, N-[2-(2-methoxyphenyl)-1-methylethyl]-N-methyl-N'-phenyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C18 H22 N2 O S
LC STN Files: BEILSTEIN*, CA, CAPLUS, TOXLIT
(*File contains numerically searchable property data)



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 80:103768

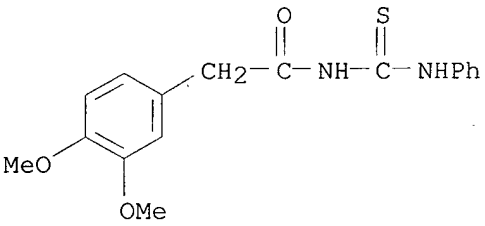
L16 ANSWER 105 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 43070-99-1 REGISTRY
CN Thiourea, N-[2-(3,4-dimethoxyphenyl)-1-phenylethyl]-N'-(3-methylphenyl)-(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H26 N2 O2 S
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 79:53150

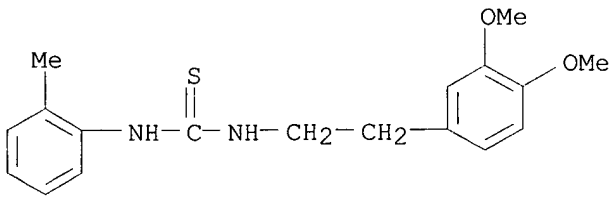
L16 ANSWER 110 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 39794-43-9 REGISTRY
CN Benzeneacetamide, 3,4-dimethoxy-N-[(phenylamino)thioxomethyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C17 H18 N2 O3 S
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 78:96753

L16 ANSWER 112 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 38755-02-1 REGISTRY
CN Thiourea, N-[2-(3,4-dimethoxyphenyl)ethyl]-N'-(2-methylphenyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C18 H22 N2 O2 S
LC STN Files: BEILSTEIN*, CA, CAPLUS, TOXLIT
(*File contains numerically searchable property data)



4 REFERENCES IN FILE CA (1967 TO DATE)
4 REFERENCES IN FILE CAPLUS (1967 TO DATE)

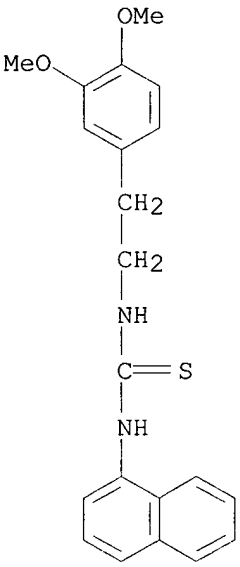
REFERENCE 1: 80:59839

REFERENCE 2: 80:59838

REFERENCE 3: 78:15992

REFERENCE 4: 77:43075

L16 ANSWER 113 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 38508-04-2 REGISTRY
CN Thiourea, N-[2-(3,4-dimethoxyphenyl)ethyl]-N'-1-naphthalenyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H22 N2 O2 S
LC STN Files: BEILSTEIN*, CA, CAPLUS, TOXLIT
(*File contains numerically searchable property data)



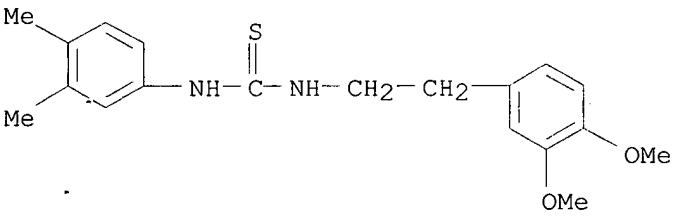
3 REFERENCES IN FILE CA (1967 TO DATE)
3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 80:59839

REFERENCE 2: 80:59838

REFERENCE 3: 77:43075

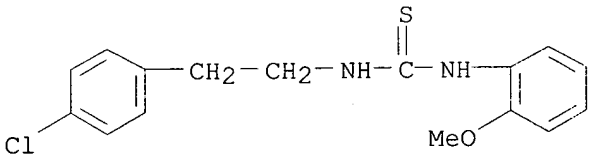
L16 ANSWER 118 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 38507-99-2 REGISTRY
CN Thiourea, N-[2-(3,4-dimethoxyphenyl)ethyl]-N'-(3,4-dimethylphenyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H24 N2 O2 S
LC STN Files: BEILSTEIN*, CA, CAPLUS, TOXLIT
(*File contains numerically searchable property data)



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 77:43075

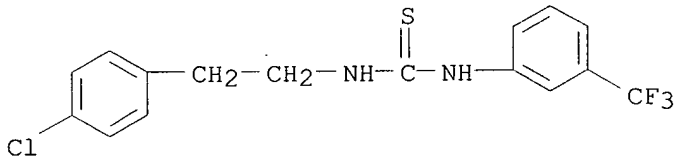
L16 ANSWER 122 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 35787-49-6 REGISTRY
CN Thiourea, N-[2-(4-chlorophenyl)ethyl]-N'-(2-methoxyphenyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C16 H17 Cl N2 O S
LC STN Files: BEILSTEIN*, CA, CAPLUS, TOXLIT
(*File contains numerically searchable property data)



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 76:107932

L16 ANSWER 134 OF 134 REGISTRY COPYRIGHT 2000 ACS
RN 13571-29-4 REGISTRY
CN Urea, 1-(p-chlorophenethyl)-2-thio-3-(.alpha.,.alpha.,.alpha.-trifluoro-m-tolyl)- (8CI) (CA INDEX NAME)
FS 3D CONCORD
MF C16 H14 Cl F3 N2 S
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 66:2329